

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
 Product name : RX806C/BK  
 UFI : 04C6-Y0DP-Y00T-5F3C  
 Product code : RX806C/BK  
 Type of product : adhesives  
 Product group : Blend

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
 Industrial/Professional use spec : For professional use only  
 Use of the substance/mixture : Adhesives, binding agents  
 Function or use category : Adhesives, binding agents

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Robnor ResinLab Ltd  
 31 Athena Avenue  
 Elgin Industrial Estate  
 SN2 8EJ Swindon - United Kingdom  
 T +44(0) 1793 823741 - F +44(0) 1793 827033  
[eusds@robnor.co.uk](mailto:eusds@robnor.co.uk)

#### 1.4. Emergency telephone number

Emergency number : +44(0) 1793 823741

| Country        | Organisation/Company   | Address                         | Emergency number | Comment |
|----------------|--|---------------------------------|------------------|---------|
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London | +44 20 7188 7188 |         |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315  
 Serious eye damage/eye irritation, Category 2 H319  
 Skin sensitisation, Category 1 H317  
 Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411  
 Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                                | GHS07   | GHS09 |
|--------------------------------|---|-------|
| Signal word (CLP)              | : Warning   |       |
| Hazardous ingredients          | : Epoxy Resin; Alkyl (C12, C14) glycidyl ether; Epoxy resin; Bisphenol F Epoxy Resin  |       |
| Hazard statements (CLP)        | : H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H411 - Toxic to aquatic life with long lasting effects.   |       |
| Precautionary statements (CLP) | : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P321 - Specific treatment (see supplemental first aid instruction on this label).<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P337+P313 - If eye irritation persists: Get medical advice/attention.<br>P362+P364 - Take off contaminated clothing and wash it before reuse.<br>P391 - Collect spillage.<br>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |       |
| EUH-statements                 | : EUH205 - Contains epoxy constituents. May produce an allergic reaction.   |       |

Labelling according to: exemption for packages of a capacity of 125ml or less

Hazard pictograms (CLP)



GHS07

GHS09

|                                |  |
|--------------------------------|--|
| Signal word (CLP)              | : Warning  |
| Hazardous ingredients          | : Epoxy Resin; Alkyl (C12, C14) glycidyl ether; Epoxy resin; Bisphenol F Epoxy Resin   |
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.  |
| Precautionary statements (CLP) | : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P321 - Specific treatment (see supplemental first aid instruction on this label).<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P362+P364 - Take off contaminated clothing and wash it before reuse.<br>P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| EUH-statements                 | : EUH205 - Contains epoxy constituents. May produce an allergic reaction.  |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 3.2. Mixtures

| Name  | Product identifier   | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]                            |
|---|--|-------------|--|
| Calcium Carbonate<br>substance with national workplace exposure limit(s)<br>(GB)  | (CAS-No.) 1317-65-3<br>(EC-No.) 215-279-6  | ≥ 15 – < 25 | Not classified   |
| Epoxy Resin   | (CAS-No.) 25068-38-6<br>(EC-No.) 500-033-5<br>(EC Index-No.) 603-074-00-8<br>(REACH-no) 01-2119456619-26 | ≥ 15 – < 25 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| Alkyl (C12, C14) glycidyl ether   | (CAS-No.) 68609-97-2<br>(EC-No.) 271-846-8<br>(EC Index-No.) 603-103-00-4<br>(REACH-no) 01-2119485289-22 | ≥ 0.1 – < 5 | Skin Irrit. 2, H315<br>Skin Sens. 1, H317  |
| Bisphenol F Epoxy Resin   | (CAS-No.) 9003-36-5<br>(EC-No.) 500-006-8  | ≥ 0.1 – < 5 | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 (M=0)                 |
| bis(2-ethylhexyl)terephthalate  | (CAS-No.) 6422-86-2<br>(EC-No.) 229-176-9  | ≥ 0.1       | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410   |
| Kaolin<br>substance with national workplace exposure limit(s)<br>(GB)   | (CAS-No.) 1332-58-7<br>(EC-No.) 310-194-1  | ≥ 0.1 – < 5 | Not classified   |
| Epoxy resin   | (CAS-No.) 28064-14-4<br>(REACH-no) 01-2119454392-40  | < 5         | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| Methoxy Propyl acetate<br>substance with national workplace exposure limit(s)<br>(GB); substance with a Community workplace<br>exposure limit | (CAS-No.) 108-65-6<br>(EC-No.) 203-603-9<br>(EC Index-No.) 607-195-00-7                                  | < 0.1       | Flam. Liq. 3, H226   |
| phosphoric acid ...%<br>substance with national workplace exposure limit(s)<br>(GB); substance with a Community workplace<br>exposure limit   | (CAS-No.) 7664-38-2<br>(EC-No.) 231-633-2<br>(EC Index-No.) 015-011-00-6                                 | < 0.1       | Skin Corr. 1B, H314  |

#### Specific concentration limits:

| Name                 | Product identifier   | Specific concentration limits   |
|----------------------|--|---|
| Epoxy Resin          | (CAS-No.) 25068-38-6<br>(EC-No.) 500-033-5<br>(EC Index-No.) 603-074-00-8<br>(REACH-no) 01-2119456619-26 | ( 5 ≤C < 100) Eye Irrit. 2, H319<br>( 5 ≤C < 100) Skin Irrit. 2, H315                                       |
| phosphoric acid ...% | (CAS-No.) 7664-38-2<br>(EC-No.) 231-633-2<br>(EC Index-No.) 015-011-00-6                                 | ( 10 ≤C < 25) Skin Irrit. 2, H315<br>( 10 ≤C < 25) Eye Irrit. 2, H319<br>( 25 ≤C < 100) Skin Corr. 1B, H314 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact

: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station, ventilate curing ovens to prevent emissions in the workplace. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Calcium Carbonate (1317-65-3)                 |  |
|---|--|
| United Kingdom - Occupational Exposure Limits |  |
| WEL TWA (OEL TWA) [1]                         | 10 mg/m <sup>3</sup><br>4 mg/m <sup>3</sup><br>10 mg/m <sup>3</sup><br>4 mg/m <sup>3</sup> |

| Kaolin (1332-58-7)                            |                     |
|---|---------------------|
| United Kingdom - Occupational Exposure Limits |                     |
| WEL TWA (OEL TWA) [1]                         | 2 mg/m <sup>3</sup> |

| Methoxy Propyl acetate (108-65-6)             |                       |
|---|-----------------------|
| United Kingdom - Occupational Exposure Limits |                       |
| WEL TWA (OEL TWA) [1]                         | 274 mg/m <sup>3</sup> |
| WEL TWA (OEL TWA) [2]                         | 50 ppm                |
| WEL STEL (OEL STEL)                           | 548 mg/m <sup>3</sup> |
| WEL STEL (OEL STEL) [ppm]                     | 100 ppm               |

| phosphoric acid ...% (7664-38-2)              |                     |
|---|---------------------|
| United Kingdom - Occupational Exposure Limits |                     |
| WEL TWA (OEL TWA) [1]                         | 1 mg/m <sup>3</sup> |
| WEL STEL (OEL STEL)                           | 2 mg/m <sup>3</sup> |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station, ventilate curing ovens to prevent emissions in the workplace.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses with side shields

#### Skin and body protection:

Wear suitable protective clothing

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Personal protective equipment symbol(s):



### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                                  | : Liquid            |
| Colour  | : Black.            |
| Odour   | : slight.           |
| Odour threshold                                 | : No data available |
| pH  | : No data available |
| Relative evaporation rate (butylacetate=1)      | : No data available |
| Melting point                                   | : Not applicable    |
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20 °C                | : No data available |
| Relative density                                | : 1.83              |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity                                       | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

### 9.2. Other information

VOC content : < 1 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |   |
|-----------------------------|---|
| Acute toxicity (oral)       | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

#### Calcium Carbonate (1317-65-3)

|               |  |
|---------------|--|
| LD50 oral rat | 6450 mg/kg (Rat, Literature study, Oral) |
|---------------|--|

#### Epoxy Resin (25068-38-6)

|                 |  |
|-----------------|--|
| LD50 oral rat   | > 2000 mg/kg (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))                      |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |

#### Alkyl (C12, C14) glycidyl ether (68609-97-2)

|               |  |
|---------------|--|
| LD50 oral rat | 26800 mg/kg bodyweight (Rat, Male, Expert judgement, Oral) |
|---------------|--|

#### Bisphenol F Epoxy Resin (9003-36-5)

|                 |   |
|-----------------|---|
| LD50 oral rat   | > 5000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)         |
| LD50 dermal rat | > 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rat, Male / female, Experimental value, Dermal) |

#### bis(2-ethylhexyl)terephthalate (6422-86-2)

|               |   |
|---------------|---|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: other:TSCA FHSA Regulations (1979): 16 CFR Part 1500.40 (Hazardous Substances and Articles, Administration and Enforcement Regulations) |
|---------------|---|

#### Methoxy Propyl acetate (108-65-6)

|                    |  |
|--------------------|--|
| LD50 oral rat      | 6190 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)        |
| LD50 dermal rat    | > 2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)   |
| LD50 dermal rabbit | > 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Male / female, Experimental value, Dermal) |

#### phosphoric acid ...% (7664-38-2)

|                    |   |
|--------------------|---|
| LD50 oral rat      | 2600 mg/kg bodyweight (Equivalent or similar to OECD 423, Rat, Female, Experimental value, 10 % aqueous solution, Oral, 7 day(s)) |
| LD50 dermal rabbit | 2740 mg/kg bodyweight (Rabbit, Experimental value, Skin)  |

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                                   |  |
|-----------------------------------|--|
| LC50 Inhalation - Rat             | 0.96 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male, Read-across, Converted value, Inhalation, 14 day(s)) |
| LC50 Inhalation - Rat (Dust/Mist) | 0.9615 mg/l Source: SIDS   |

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Causes skin irritation.   |
| Serious eye damage/irritation     | : Causes serious eye irritation.  |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met) |

### Epoxy Resin (25068-38-6)

|   |   |
|---|---|
| NOAEL (chronic, oral, animal/male, 2 years)   | 15 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information)    |
| NOAEL (chronic, oral, animal/female, 2 years) | 100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:MITI, Japanese ministry of international trade and industry, February 1998, Remarks on results: other:Effect type: toxicity (migrated information) |

|                        |   |
|------------------------|---|
| Reproductive toxicity  | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure   | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |

### Epoxy Resin (25068-38-6)

|                            |   |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 50 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: other:japanese MITI guidelines for toxicity testing of chemicals |
|----------------------------|---|

### Bisphenol F Epoxy Resin (9003-36-5)

|                            |   |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | ≈ 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
|----------------------------|---|

### Methoxy Propyl acetate (108-65-6)

|                                     |  |
|-------------------------------------|--|
| NOAEL (oral, rat, 90 days)          | ≥ 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| NOAEL (dermal, rat/rabbit, 90 days) | > 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)   |

### phosphoric acid ...% (7664-38-2)

|                            |   |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
|----------------------------|---|

|                   |   |
|-------------------|---|
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
|-------------------|---|



# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : Toxic to aquatic life with long lasting effects.                                  |
| Ecology - water   | : Toxic to aquatic life with long lasting effects.                                  |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met) |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects.                                  |
| Not rapidly degradable                                    |   |

| Calcium Carbonate (1317-65-3) |  |
|-------------------------------|--|
| LC50 - Fish [1]               | > 10000 mg/l (96 h, Oncorhynchus mykiss, Literature) |
| EC50 - Crustacea [1]          | > 1000 mg/l (48 h, Daphnia magna, Literature)        |
| EC50 72h - Algae [1]          | > 200 mg/l (Desmodesmus subspicatus, Literature)     |

| Epoxy Resin (25068-38-6) |   |
|--------------------------|---|
| LC50 - Fish [1]          | 2.3 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Crustacea [1]     | 2 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)                         |
| EC50 72h - Algae [1]     | 9.4 mg/l (EPA 660/3 - 75/009, Selenastrum capricornutum, Static system, Fresh water, Experimental value, Biomass)                                     |
| EC50 72h - Algae [2]     | > 11 mg/l Test organisms (species): Scenedesmus capricornutum   |
| LOEC (chronic)           | 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| NOEC (chronic)           | 0.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |

| Alkyl (C12, C14) glycidyl ether (68609-97-2) |   |
|--|---|
| LC50 - Fish [1]                              | > 5000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) |

| Bisphenol F Epoxy Resin (9003-36-5) |  |
|-------------------------------------|--|
| LC50 - Fish [1]                     | 1.9 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Semi-static system, Fresh water, Weight of evidence)         |
| LC50 - Fish [2]                     | > 1000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)   |
| EC50 - Crustacea [1]                | 3.5 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Weight of evidence, GLP) |
| EC50 72h - Algae [1]                | > 1.8 mg/l (Equivalent or similar to OECD 201, Selenastrum capricornutum, Static system, Fresh water, Experimental value)            |
| LOEC (chronic)                      | 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC (chronic)                      | 0.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |

| bis(2-ethylhexyl)terephthalate (6422-86-2) |   |
|--|---|
| EC50 - Crustacea [1]                       | > 1.4 µg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]                       | > 0.86 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| <b>Methoxy Propyl acetate (108-65-6)</b> |  |
|--|--|
| LC50 - Fish [1]                          | 100 – 180 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)       |
| EC50 - Crustacea [1]                     | > 500 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)                                       |
| EC50 72h - Algae [1]                     | > 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)                  |
| EC50 96h - Algae [1]                     | > 1000 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration) |
| NOEC (chronic)                           | ≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish                        | 47.5 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'   |

| <b>phosphoric acid ...% (7664-38-2)</b> |  |
|---|--|
| LC50 - Fish [1]                         | 75.1 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oryzias latipes, Static system, Fresh water, Experimental value, Lethal) |
| EC50 - Crustacea [1]                    | > 100 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h - Algae [1]                    | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)                          |

### 12.2. Persistence and degradability

| <b>Calcium Carbonate (1317-65-3)</b> |                                   |
|--------------------------------------|-----------------------------------|
| Persistence and degradability        | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)         | Not applicable (inorganic)        |
| ThOD                                 | Not applicable (inorganic)        |

| <b>Epoxy Resin (25068-38-6)</b> |                                     |
|---------------------------------|-------------------------------------|
| Persistence and degradability   | Not readily biodegradable in water. |

| <b>Alkyl (C12, C14) glycidyl ether (68609-97-2)</b> |                                 |
|---|---------------------------------|
| Persistence and degradability                       | Readily biodegradable in water. |

| <b>Bisphenol F Epoxy Resin (9003-36-5)</b> |                                     |
|--|-------------------------------------|
| Persistence and degradability              | Not readily biodegradable in water. |

| <b>Kaolin (1332-58-7)</b>     |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable                    |
| ThOD                          | Not applicable                    |
| BOD (% of ThOD)               | Not applicable                    |

| <b>Epoxy resin (28064-14-4)</b> |  |
|---------------------------------|--|
| Persistence and degradability   | Biodegradability in soil: no data available. |

| <b>Methoxy Propyl acetate (108-65-6)</b> |  |
|--|--|
| Persistence and degradability            | Readily biodegradable in the soil. Readily biodegradable in water. |

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| phosphoric acid ...% (7664-38-2) |                                   |
|----------------------------------|-----------------------------------|
| Persistence and degradability    | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)     | Not applicable (inorganic)        |
| ThOD                             | Not applicable (inorganic)        |

### 12.3. Bioaccumulative potential

| Calcium Carbonate (1317-65-3) |                                  |
|-------------------------------|----------------------------------|
| Bioaccumulative potential     | Bioaccumulation: not applicable. |

| Epoxy Resin (25068-38-6)                        |  |
|---|--|
| BCF - Other aquatic organisms [1]               | 31 (Estimated value, Fresh weight)             |
| Partition coefficient n-octanol/water (Log Pow) | 3 (Estimated value, 25 °C)                     |
| Bioaccumulative potential                       | Low potential for bioaccumulation (BCF < 500). |

| Alkyl (C12, C14) glycidyl ether (68609-97-2)    |   |
|---|---|
| BCF - Other aquatic organisms [1]               | 160 – 263 (BCFWIN, QSAR)  |
| Partition coefficient n-octanol/water (Log Pow) | 3.77 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C) |
| Bioaccumulative potential                       | Low potential for bioaccumulation (BCF < 500).  |

| Bisphenol F Epoxy Resin (9003-36-5)             |  |
|---|--|
| BCF - Fish [1]                                  | 150 (Pisces, QSAR)   |
| Partition coefficient n-octanol/water (Log Pow) | 2.7 – 3.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method) |
| Bioaccumulative potential                       | Low potential for bioaccumulation (BCF < 500).   |

| Kaolin (1332-58-7)        |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

| Epoxy resin (28064-14-4)  |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

| Methoxy Propyl acetate (108-65-6)               |  |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 1.2 (Experimental value, Equivalent or similar to OECD 117, 20 °C) |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4).                   |

| phosphoric acid ...% (7664-38-2) |                      |
|----------------------------------|----------------------|
| Bioaccumulative potential        | Not bioaccumulative. |

### 12.4. Mobility in soil

| Calcium Carbonate (1317-65-3) |   |
|-------------------------------|---|
| Ecology - soil                | No (test)data on mobility of the substance available. |

| Epoxy Resin (25068-38-6) |                           |
|--------------------------|---------------------------|
| Surface tension          | 59 mN/m (20 °C, 0.09 g/l) |

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|   |   |
|---|---|
| Partition coefficient n-octanol/water (Log Koc) | 2.65 (log Koc, SRC PCKOCWIN v2.0, QSAR) |
| Ecology - soil                                  | Low potential for adsorption in soil.   |

### Alkyl (C12, C14) glycidyl ether (68609-97-2)

|   |  |
|---|--|
| Partition coefficient n-octanol/water (Log Koc) | > 5.63 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP) |
| Ecology - soil                                  | Low potential for mobility in soil.  |

### Bisphenol F Epoxy Resin (9003-36-5)

|   |   |
|---|---|
| Partition coefficient n-octanol/water (Log Koc) | 3.65 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |
| Ecology - soil                                  | Low potential for mobility in soil.   |

### Methoxy Propyl acetate (108-65-6)

|   |  |
|---|--|
| Surface tension                                 | 29.4 mN/m (20 °C, 100 vol %, EU Method A.5: Surface tension) |
| Partition coefficient n-octanol/water (Log Koc) | 0.264 (log Koc, QSAR)  |
| Ecology - soil                                  | Highly mobile in soil.                                       |

### phosphoric acid ...% (7664-38-2)

|                 |  |
|-----------------|--|
| Surface tension | Not applicable (solid)                                 |
| Ecology - soil  | No (test)data on mobility of the components available. |

## 12.5. Results of PBT and vPvB assessment

| Component                                    |   |
|--|---|
| Calcium Carbonate (1317-65-3)                | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Epoxy Resin (25068-38-6)                     | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Alkyl (C12, C14) glycidyl ether (68609-97-2) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Bisphenol F Epoxy Resin (9003-36-5)          | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| Methoxy Propyl acetate (108-65-6)            | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| phosphoric acid ...% (7664-38-2)             | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

## 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 14: Transport information

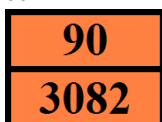
In accordance with ADR / IMDG / IATA / ADN / RID

| ADR  | IMDG  | IATA  | ADN   | RID   |
|--|---|---|---|---|
| <b>14.1. UN number</b>   |   |   |   |   |
| UN 3082  | UN 3082   | UN 3082   | UN 3082   | UN 3082   |
| <b>14.2. UN proper shipping name</b>   |   |   |   |   |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)                                   | Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)                 |
| <b>Transport document description</b>  |   |   |   |   |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin), 9, III |
| <b>14.3. Transport hazard class(es)</b>  |   |   |   |   |
| 9  | 9   | 9   | 9   | 9   |
| <b>14.4. Packing group</b>   |   |   |   |   |
| III  | III   | III   | III   | III   |
| <b>14.5. Environmental hazards</b>   |   |   |   |   |
| Dangerous for the environment : Yes  | Dangerous for the environment : Yes<br>Marine pollutant : Yes                                       | Dangerous for the environment : Yes   | Dangerous for the environment : Yes   | Dangerous for the environment : Yes   |
| No supplementary information available   |   |   |   |   |

### 14.6. Special precautions for user

#### Overland transport

|   |                           |
|---|---------------------------|
| Classification code (ADR)   | : M6                      |
| Special provisions (ADR)  | : 274, 335, 375, 601      |
| Limited quantities (ADR)  | : 5I                      |
| Excepted quantities (ADR)   | : E1                      |
| Packing instructions (ADR)  | : P001, IBC03, LP01, R001 |
| Special packing provisions (ADR)  | : PP1                     |
| Mixed packing provisions (ADR)  | : MP19                    |
| Portable tank and bulk container instructions (ADR)                     | : T4                      |
| Portable tank and bulk container special provisions (ADR)               | : TP1, TP29               |
| Tank code (ADR)   | : LGBV                    |
| Vehicle for tank carriage   | : AT                      |
| Transport category (ADR)  | : 3                       |
| Special provisions for carriage - Packages (ADR)                        | : V12                     |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13                    |
| Hazard identification number (Kemler No.)                               | : 90                      |
| Orange plates   | :                         |



|                               |       |
|-------------------------------|-------|
| Tunnel restriction code (ADR) | : -   |
| EAC code                      | : •3Z |

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Transport by sea

|                                   |                 |
|-----------------------------------|-----------------|
| Special provisions (IMDG)         | : 274, 335, 969 |
| Limited quantities (IMDG)         | : 5 L           |
| Excepted quantities (IMDG)        | : E1            |
| Packing instructions (IMDG)       | : LP01, P001    |
| Special packing provisions (IMDG) | : PP1           |
| IBC packing instructions (IMDG)   | : IBC03         |
| Tank instructions (IMDG)          | : T4            |
| Tank special provisions (IMDG)    | : TP1, TP29     |
| EmS-No. (Fire)                    | : F-A           |
| EmS-No. (Spillage)                | : S-F           |
| Stowage category (IMDG)           | : A             |

### Air transport

|  |                   |
|--|-------------------|
| PCA Excepted quantities (IATA)               | : E1              |
| PCA Limited quantities (IATA)                | : Y964            |
| PCA limited quantity max net quantity (IATA) | : 30kgG           |
| PCA packing instructions (IATA)              | : 964             |
| PCA max net quantity (IATA)                  | : 450L            |
| CAO packing instructions (IATA)              | : 964             |
| CAO max net quantity (IATA)                  | : 450L            |
| Special provisions (IATA)                    | : A97, A158, A197 |
| ERG code (IATA)                              | : 9L              |

### Inland waterway transport

|                                   |                      |
|-----------------------------------|----------------------|
| Classification code (ADN)         | : M6                 |
| Special provisions (ADN)          | : 274, 335, 375, 601 |
| Limited quantities (ADN)          | : 5 L                |
| Excepted quantities (ADN)         | : E1                 |
| Equipment required (ADN)          | : PP                 |
| Number of blue cones/lights (ADN) | : 0                  |

### Rail transport

|   |                           |
|---|---------------------------|
| Classification code (RID)   | : M6                      |
| Special provisions (RID)  | : 274, 335, 375, 601      |
| Limited quantities (RID)  | : 5L                      |
| Excepted quantities (RID)   | : E1                      |
| Packing instructions (RID)  | : P001, IBC03, LP01, R001 |
| Special packing provisions (RID)  | : PP1                     |
| Mixed packing provisions (RID)  | : MP19                    |
| Portable tank and bulk container instructions (RID)                     | : T4                      |
| Portable tank and bulk container special provisions (RID)               | : TP1, TP29               |
| Tank codes for RID tanks (RID)  | : LGBV                    |
| Transport category (RID)  | : 3                       |
| Special provisions for carriage – Packages (RID)                        | : W12                     |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW13, CW31              |
| Colis express (express parcels) (RID)                                   | : CE8                     |
| Hazard identification number (RID)                                      | : 90                      |

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : < 1 %

### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |
| EN                          | European Standard   |
| IARC                        | International Agency for Research on Cancer   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| OECD                        | Organisation for Economic Co-operation and Development  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS                         | Safety Data Sheet   |
| STP                         | Sewage treatment plant  |
| ThOD                        | Theoretical oxygen demand (ThOD)  |
| TLM                         | Median Tolerance Limit  |

# RX806C/BK

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|         |  |
|---------|--|
| VOC     | Volatile Organic Compounds               |
| CAS-No. | Chemical Abstract Service number         |
| N.O.S.  | Not Otherwise Specified                  |
| vPvB    | Very Persistent and Very Bioaccumulative |
| ED      | Endocrine disrupting properties          |

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Aquatic Acute 1                     | Hazardous to the aquatic environment — Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                     |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B            |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                    |
| H226                                | Flammable liquid and vapour.                                      |
| H314                                | Causes severe skin burns and eye damage.                          |
| H315                                | Causes skin irritation.   |
| H317                                | May cause an allergic skin reaction.                              |
| H319                                | Causes serious eye irritation.                                    |
| H400                                | Very toxic to aquatic life.                                       |
| H410                                | Very toxic to aquatic life with long lasting effects.             |
| H411                                | Toxic to aquatic life with long lasting effects.                  |
| EUH205                              | Contains epoxy constituents. May produce an allergic reaction.    |

SDS EU (REACH Annex II) - EU date format

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

|                               |                       |
|-------------------------------|-----------------------|
| Product form                  | : Mixture             |
| Product name                  | : HX806C/NC           |
| UFI                           | : 66C6-G033-9009-USPE |
| Product code                  | : HX806C/NC           |
| Type of product               | : adhesives           |
| Product group                 | : Blend               |
| Other means of identification | : TDRM2590            |

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

|                                  |                             |
|----------------------------------|-----------------------------|
| Main use category                | : Professional use          |
| Industrial/Professional use spec | : For professional use only |
| Use of the substance/mixture     | : Adhesives, binding agents |
| Function or use category         | : Adhesives, binding agents |

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

Robnor ResinLab Ltd  
31 Athena Avenue  
Elgin Industrial Estate  
SN2 8EJ Swindon - United Kingdom  
T +44(0) 1793 823741 - F +44(0) 1793 827033  
[eusds@robnor.co.uk](mailto:eusds@robnor.co.uk)

**1.4. Emergency telephone number**

Emergency number : +44(0) 1793 823741

| Country        | Organisation/Company   | Address                         | Emergency number | Comment |
|----------------|--|---------------------------------|------------------|---------|
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London | +44 20 7188 7188 |         |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

|  |      |
|--|------|
| Acute toxicity (oral), Category 4                      | H302 |
| Skin corrosion/irritation, Category 1, Sub-Category 1B | H314 |
| Serious eye damage/eye irritation, Category 1          | H318 |
| Skin sensitisation, Category 1                         | H317 |
| Full text of H statements : see section 16             |      |

**Adverse physicochemical, human health and environmental effects**

Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage.

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazardous ingredients

: decarboxylating cashew nut shell liquid; 1,3-Bis(aminomethyl)benzene

Hazard statements (CLP)

: H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

Precautionary statements (CLP)

: P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P330 - Rinse mouth.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Labelling according to: exemption for packages of a capacity of 125ml or less

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazardous ingredients

: decarboxylating cashew nut shell liquid; 1,3-Bis(aminomethyl)benzene

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautionary statements (CLP) :

- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 - Wash hands, forearms and face thoroughly after handling.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+P352 - IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 - Immediately call a POISON CENTER or doctor.
- P321 - Specific treatment (see supplemental first aid instruction on this label).
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 - Take off contaminated clothing and wash it before reuse.
- P405 - Store locked up.
- P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                    | Product identifier                        | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|---|-------------|---|
| decarboxylating cashew nut shell liquid | (CAS-No.) 8007-24-7<br>(EC-No.) 232-355-4 | ≥ 15 – < 25 | Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412                                  |
| 1,3-Bis(aminomethyl)benzene             | (CAS-No.) 1477-55-0<br>(EC-No.) 216-032-5 | ≥ 5 – < 10  | Skin Sens. 1B, H317<br>Acute Tox. 4 (Inhalation), H332<br>Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after skin contact | : Burns. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                     |
| Symptoms/effects after ingestion    | : Burns.                                      |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                              |  |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

### 5.2. Special hazards arising from the substance or mixture

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Emergency procedures | : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. |
|----------------------|---|

#### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Take up liquid spill into absorbent material.                 |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Ensure good ventilation of the work station, ventilate curing ovens to prevent emissions in the workplace. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. |
| Hygiene measures              | : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                 |

### 7.2. Conditions for safe storage, including any incompatibilities

|                    |   |
|--------------------|---|
| Storage conditions | : Store locked up. Store in a well-ventilated place. Keep cool. |
|--------------------|---|

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station, ventilate curing ovens to prevent emissions in the workplace.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses with side shields

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Colour                                     | : dark brown.       |
| Odour                                      | : Amine-like.       |
| Odour threshold                            | : No data available |
| pH   | : 10.5              |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : Not applicable    |
| Freezing point                             | : No data available |
| Boiling point                              | : 201 °C            |
| Flash point                                | : 101 °C            |
| Auto-ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : Not applicable    |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : No data available |
| Solubility                                 | : Not miscible.     |

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|   |                     |
|---|---------------------|
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity                                       | : No data available |
| Viscosity, dynamic                              | : 400 cP            |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |   |
|-----------------------------|---|
| Acute toxicity (oral)       | : Harmful if swallowed.   |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

#### HX806C/NC

|                |                      |
|----------------|----------------------|
| ATE CLP (oral) | 500 mg/kg bodyweight |
|----------------|----------------------|

#### decarboxylating cashew nut shell liquid (8007-24-7)

|                 |   |
|-----------------|---|
| LD50 oral rat   | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)  |

#### 1,3-Bis(aminomethyl)benzene (1477-55-0)

|                 |   |
|-----------------|---|
| LD50 oral rat   | 930 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rat | > 3100 mg/kg bodyweight (24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))                     |

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                       |  |
|-----------------------|--|
| LC50 Inhalation - Rat | 1.34 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol)) |
|-----------------------|--|

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Causes severe skin burns.<br>pH: 10.5   |
| Serious eye damage/irritation     | : Causes serious eye damage.<br>pH: 10.5  |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard                 | : Not classified (Based on available data, the classification criteria are not met) |

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : Before neutralisation, the product may represent a danger to aquatic organisms.   |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met) |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified (Based on available data, the classification criteria are not met) |
| Not rapidly degradable                                    |   |

| <b>1,3-Bis(aminomethyl)benzene (1477-55-0)</b> |   |
|--|---|
| LC50 - Fish [1]                                | 87.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oryzias latipes, Semi-static system, Fresh water, Experimental value, Nominal concentration)  |
| EC50 - Crustacea [1]                           | 15.2 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)  |
| EC50 72h - Algae [1]                           | 20.3 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)           |
| EC50 72h - Algae [2]                           | 33.3 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)           |
| ErC50 algae                                    | 33.3 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Experimental value, Nominal concentration) |
| LOEC (chronic)                                 | 15 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC (chronic)                                 | 4.7 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |

### 12.2. Persistence and degradability

| <b>decarboxylating cashew nut shell liquid (8007-24-7)</b> |   |
|--|---|
| Persistence and degradability                              | Biodegradability in water: no data available. |

| <b>1,3-Bis(aminomethyl)benzene (1477-55-0)</b> |                                     |
|--|-------------------------------------|
| Persistence and degradability                  | Not readily biodegradable in water. |

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 12.3. Bioaccumulative potential

#### decarboxylating cashew nut shell liquid (8007-24-7)

|                           |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

#### 1,3-Bis(aminomethyl)benzene (1477-55-0)

|   |   |
|---|---|
| BCF - Fish [1]                                  | < 2.7 (OECD 305: Bioconcentration: Flow-Through Fish Test, 42 day(s), Cyprinus carpio, Fresh water, Experimental value) |
| Partition coefficient n-octanol/water (Log Pow) | 0.18 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)                 |
| Bioaccumulative potential                       | Low potential for bioaccumulation (BCF < 500).  |

### 12.4. Mobility in soil

#### 1,3-Bis(aminomethyl)benzene (1477-55-0)

|   |                                     |
|---|-------------------------------------|
| Partition coefficient n-octanol/water (Log Koc) | 3.11 (log Koc, QSAR)                |
| Ecology - soil                                  | Low potential for mobility in soil. |

### 12.5. Results of PBT and vPvB assessment

#### Component

|   |   |
|---|---|
| 1,3-Bis(aminomethyl)benzene (1477-55-0) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
|---|---|

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR  | IMDG  | IATA  | ADN   | RID   |
|--|---|---|---|---|
| <b>14.1. UN number</b>   |   |   |   |   |
| UN 2735  | UN 2735   | UN 2735   | UN 2735   | UN 2735   |
| <b>14.2. UN proper shipping name</b>   |   |   |   |   |
| AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene)                      | AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene)                 | Amines, liquid, corrosive, n.o.s. (1,3-Bis(aminomethyl)benzene)                 | AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene)                 | AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene)                 |
| <b>Transport document description</b>  |   |   |   |   |
| UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene), 8, III, (E) | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene), 8, III | UN 2735 Amines, liquid, corrosive, n.o.s. (1,3-Bis(aminomethyl)benzene), 8, III | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene), 8, III | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Bis(aminomethyl)benzene), 8, III |
| <b>14.3. Transport hazard class(es)</b>  |   |   |   |   |
| 8  | 8   | 8   | 8   | 8   |



# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 14.4. Packing group

III

III

III

III

III

### 14.5. Environmental hazards

Dangerous for the environment : No

Dangerous for the environment : No  
Marine pollutant : No

Dangerous for the environment : No

Dangerous for the environment : No

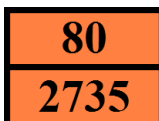
Dangerous for the environment : No

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : C7  
Special provisions (ADR) : 274  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T7  
Portable tank and bulk container special provisions (ADR) : TP1, TP28  
Tank code (ADR) : L4BN  
Vehicle for tank carriage : AT  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Hazard identification number (Kemler No.) : 80  
Orange plates :



Tunnel restriction code (ADR) : E  
EAC code : 2X  
APP code : B

#### Transport by sea

Special provisions (IMDG) : 223, 274  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T7  
Tank special provisions (IMDG) : TP1, TP28  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage category (IMDG) : A  
Segregation (IMDG) : SGG18, SG35  
Properties and observations (IMDG) : Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

#### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y841  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 852  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 856  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3, A803  
ERG code (IATA) : 8L

#### Inland waterway transport

Classification code (ADN) : C7

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Special provisions (ADN) : 274  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C7  
Special provisions (RID) : 274  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T7  
Portable tank and bulk container special provisions (RID) : TP1, TP28  
Tank codes for RID tanks (RID) : L4BN  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 80

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|      |   |
|------|---|
| ADN  | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR  | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE  | Acute Toxicity Estimate   |
| BCF  | Bioconcentration factor   |
| BLV  | Biological limit value  |
| BOD  | Biochemical oxygen demand (BOD)   |
| COD  | Chemical oxygen demand (COD)  |
| DMEL | Derived Minimal Effect level  |
| DNEL | Derived-No Effect Level   |

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|         |  |
|---------|--|
| EC-No.  | European Community number  |
| EC50    | Median effective concentration   |
| EN      | European Standard  |
| IARC    | International Agency for Research on Cancer                                  |
| IATA    | International Air Transport Association                                      |
| IMDG    | International Maritime Dangerous Goods                                       |
| LC50    | Median lethal concentration  |
| LD50    | Median lethal dose   |
| LOAEL   | Lowest Observed Adverse Effect Level   |
| NOAEC   | No-Observed Adverse Effect Concentration                                     |
| NOAEL   | No-Observed Adverse Effect Level   |
| NOEC    | No-Observed Effect Concentration   |
| OECD    | Organisation for Economic Co-operation and Development                       |
| OEL     | Occupational Exposure Limit  |
| PBT     | Persistent Bioaccumulative Toxic   |
| PNEC    | Predicted No-Effect Concentration  |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS     | Safety Data Sheet  |
| STP     | Sewage treatment plant   |
| ThOD    | Theoretical oxygen demand (ThOD)   |
| TLM     | Median Tolerance Limit   |
| VOC     | Volatile Organic Compounds   |
| CAS-No. | Chemical Abstract Service number   |
| N.O.S.  | Not Otherwise Specified  |
| vPvB    | Very Persistent and Very Bioaccumulative                                     |
| ED      | Endocrine disrupting properties  |

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                               |
| Acute Tox. 4 (Inhalation)           | Acute toxicity (inhal.), Category 4                               |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B            |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                    |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                                   |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                                   |
| H302                                | Harmful if swallowed.   |
| H312                                | Harmful in contact with skin.                                     |
| H314                                | Causes severe skin burns and eye damage.                          |

# HX806C/NC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|      |  |
|------|--|
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H318 | Causes serious eye damage.                         |
| H332 | Harmful if inhaled.                                |
| H412 | Harmful to aquatic life with long lasting effects. |

SDS EU (REACH Annex II) - EU date format

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.