

**SAFETY DATA SHEET****PLUS GAS****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name PLUS GAS

Product number A1220

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

Identified uses Lubricant.

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

Supplier Saint Gobain Abrasives  
Doxey Road  
Stafford  
England  
ST16 1EA  
01785 222000  
www.saint-gobain.co.uk

**1.4. Emergency telephone number**

Emergency telephone +44 (0) 777 8505 330

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification****Physical hazards**

Aerosol 1 - H222, H229 Aerosol 1 - H222, H229

**Health hazards**

Skin Irrit. 2 - H315 STOT SE 3 - H336 STOT SE 3 - H336

**Environmental hazards**

Aquatic Chronic 2 - H411

**Classification (67/548/EEC or 1999/45/EC)**

Xi;R38. F+;R12. N;R51/53. R67.

**2.2. Label elements****Pictogram****Signal word**

Danger

**Hazard statements**

H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated  
H229 Pressurised container: may burst if heated  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.  
H222 Extremely flammable aerosol.

**Precautionary statements**

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- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P261 Avoid breathing vapour/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P501 Dispose of contents/container in accordance with local regulations.

**Contains**

KEROSINE (PETROLEUM), HYDRODESULFURIZED

**Supplementary precautionary statements**

- P273 Avoid release to the environment.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**2.3. Other hazards**

This substance is not classified as PBT or vPvB according to current EU criteria.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<b>KEROSINE (PETROLEUM), HYDRODESULFURIZED</b>		<b>60-100%</b>
CAS number: 64742-81-0 EC number: 265-184-9 REACH registration number: 01-2119462828-25-xxxx		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Skin Irrit. 2 - H315	Xn;R65. Xi;R38. N;R51/53. R67.	
STOT SE 3 - H336		
Asp. Tox. 1 - H304		
STOT SE 3 - H336		
Aquatic Chronic 2 - H411		
<b>WHITE MINERAL OIL (PETROLEUM)</b>		<b>5-10%</b>
CAS number: 8042-47-5 EC number: 232-455-8 REACH registration number: 01-2119487078-27-XXXX		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Asp. Tox. 1 - H304	Xn;R65.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Ingestion**

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.

**Skin contact**

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

**Inhalation**

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Vapours may cause drowsiness and dizziness.

### Ingestion

May cause discomfort if swallowed.

### Skin contact

Irritating to skin.

### Eye contact

May cause discomfort.

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

#### Notes for the doctor

Treat symptomatically.

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

#### Suitable extinguishing media

Use fire-extinguishing media suitable for the surrounding fire.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

#### Specific hazards

Extremely flammable aerosol. Pressurised container: may burst if heated

#### Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 5.3. Advice for firefighters

#### Protective actions during firefighting

Use water to keep fire exposed containers cool and disperse vapours.

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## SECTION 6: Accidental release measures

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

#### Personal precautions

Wear protective clothing and gloves. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes.

### 6.2. Environmental precautions

#### Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

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

#### Methods for cleaning up

Eliminate all sources of ignition. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material.

### 6.4. Reference to other sections

#### Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

#### Usage precautions

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves. Avoid contact with skin and eyes. Do not breathe vapour/spray. Do not expose to temperatures exceeding 50°C/122°F. Provide adequate ventilation. Keep container in a well-ventilated place. Do not pierce or burn, even after use. Wash hands thoroughly after handling.

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

#### Storage precautions

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store at temperatures between 4°C and 40°C.

#### Storage class

Flammable compressed gas storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### KEROSINE (PETROLEUM), HYDRODESULFURIZED

Long-term exposure limit (8-hour TWA): OES 300 mg/m3

#### KEROSINE (PETROLEUM), HYDRODESULFURIZED (CAS: 64742-81-0)

DNEL

- Oral; Long term : 19 mg/kg/day

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

#### Hygiene measures

Wash hands thoroughly after handling.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Aerosol.

#### Colour

Clear.

#### Odour

Mild. Solvent.

#### Solubility(ies)

Insoluble in water.

### 9.2. Other information

#### Other information

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Not determined.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

##### **Stability**

Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

Not determined.

#### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

##### **Materials to avoid**

Flammable/combustible materials.

#### 10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Inhalation**

Vapours may cause drowsiness and dizziness.

##### **Ingestion**

Gastrointestinal symptoms, including upset stomach.

##### **Skin contact**

Irritating to skin. Prolonged contact may cause redness, irritation and dry skin.

##### **Eye contact**

May cause temporary eye irritation.

### SECTION 12: Ecological Information

##### **Ecotoxicity**

Toxic to aquatic life with long lasting effects.

#### 12.1. Toxicity

##### **Acute toxicity - fish**

Not determined.

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### Ecological information on ingredients.

#### KEROSINE (PETROLEUM), HYDRODESULFURIZED

##### **Acute toxicity - fish**

LC<sub>50</sub>, 96 hours: 2 - 5 mg/l, Fish

##### **Acute toxicity - aquatic invertebrates**

EC<sub>50</sub>, 48 hours: 1.4 mg/l, Daphnia magna

##### **Acute toxicity - aquatic plants**

IC<sub>50</sub>, 72 hours: 1 - 3 mg/l, Algae

##### **Chronic toxicity - fish early life stage**

, 28 days: .098 mg/l, Onchorhynchus mykiss (Rainbow trout)

##### **Chronic toxicity - aquatic invertebrates**

, 21 days: 0.89 , Daphnia magna

### **12.2. Persistence and degradability**

#### **Persistence and degradability**

The product is expected to be biodegradable.

### **12.3. Bioaccumulative potential**

The product is not bioaccumulating.

### **12.4. Mobility in soil**

#### **Mobility**

The product has poor water-solubility.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### KEROSINE (PETROLEUM), HYDRODESULFURIZED

This substance is not classified as PBT or vPvB according to current EU criteria.

### **12.6. Other adverse effects**

Not determined.

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## **SECTION 13: Disposal considerations**

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### **13.1. Waste treatment methods**

#### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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## **SECTION 14: Transport information**

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### **14.1. UN number**

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

### **14.2. UN proper shipping name**

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS

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Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

**14.3. Transport hazard class(es)**

ADR/RID class 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

**Transport labels****14.4. Packing group**

ADR/RID packing group 5F

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant



Yes.

**14.6. Special precautions for user**

Tunnel restriction code (D)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

**EU legislation**

Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance**

Workplace Exposure Limits EH40.

**15.2. Chemical safety assessment****SECTION 16: Other information**

Revision date 04/02/2015

Revision 2.0

Supersedes date 12/06/2013

Risk phrases in full

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R12 Extremely flammable.

R38 Irritating to skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

### Hazard statements in full

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.