

# Safety Data Sheet

According to 1907/2006/EC, Article 31 REACH

Warton Metals Limited  
Grove Mill,  
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Lancashire BB4 5JT UK

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Previous Issue: 05/2018  
Revision: 9  
Revision Date: 03/2019

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

### 1.1. Product Identifier

Product Name Activ8 102 Liquid Soldering Flux

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

Description Liquid Flux for soldering.

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

Company Warton Metals Limited  
Address Grove Mill  
Commerce Street  
Haslingden  
Lancashire  
BB4 5JT  
England  
Web [www.warton-metals.co.uk](http://www.warton-metals.co.uk)  
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Email [sales@warton-metals.co.uk](mailto:sales@warton-metals.co.uk)  
Email of competent person [sds@warton-metals.co.uk](mailto:sds@warton-metals.co.uk)

### 1.4. Emergency telephone number


Emergency Telephone Number +44(0)1706 218888 (8am-5pm Monday-Friday)

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

Classification- EC 1272/2008 Harmful if swallowed, causes serious eye irritation.

### 2.2. Label Elements EC 1272/2008 (CLP/GHS)

GHS Symbols   
**GHS07**

Hazard Statements **Signal Word: Warning**  
H302 – Harmful if swallowed  
H319 – Causes serious eye irritation

Precautionary Statements  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 – If in eyes rinse cautiously with water for several minutes.  
Remove contact lenses if present and continue rinsing.  
P501 – Dispose of contents at an approved waste disposal site.

## SECTION 3: Composition/Information on ingredients

### 3.1. This material is defined as a mixture

67/548/EEC/1999/45/EC

Chemical Name	CAS No	EC No.	REACH Registration Number	Conc. (%w/w)	
Water	-	-	-	Balance	
Ammonium Chloride	235-186-4	12125-02-9	Not available	< 30	H302, H319

**SECTION 4: First Aid Measures**

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If not breathing give artificial respiration. Rinse immediately with plenty of water for 15 minutes holding the eyelid open. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Consult a doctor.
Eye contact	
Skin contact	
Ingestion	

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

	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
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## 4.3 Indication of any immediate medical attention and special treatment needed

	No data available.
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**SECTION 5: Firefighting Measures**

## 5.1. Extinguishing Media

	Use extinguishing media that are appropriate to the surrounding environment.
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## 5.2. Special hazards arising from the substance or mixture

	No data available.
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## 5.3. Advice for Fire Fighters

	Wear self-contained breathing apparatus for firefighting if necessary.
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**SECTION 6: Accidental Release Measures**

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

	Use personal protective equipment. Avoid breathing vapours and mist. Ensure adequate ventilation. Evacuate personnel to safe areas.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Do not let product enter drains.
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## 6.4. reference to other sections

	See section 2,8,13 for further information.
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**SECTION 7: Handling and Storage**

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate exhaust ventilation of the working area. Adopt best manual handling considerations when handling, carrying and using.
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## 7.2. Precautions for safe storage, including and incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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## 7.3. Specific end use(s)

	To be used as a flux.
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**SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Ammonium Chloride	WEL 8 hr limit -10mg/m <sup>3</sup> WEL 15 min limit - 20mg/m <sup>3</sup> UK EH40 WEL- Workplace Exposure Limits
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## 8.2. Exposure Controls

8.2.1 Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing. Handle in accordance with good industrial hygiene practice. Wash hands before breaks and at the end of day.
Eye/face protection	In case of splashing wear approved safety goggles.
Skin / Hand protection	Chemical resistant gloves (PVC)

**SECTION 9: Information on basic physical and chemical properties**

State	Liquid
Colour	Clear
Odour	Flux
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability limits	No data available
Vapour flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Solubility	No data available
Decomposition Temperature	No data available

**9.2. Other Information**

Conductivity	No data available
Surface Tension	No data available
Gas group	No data available

**SECTION 10: Stability and Reactivity****10.1. Reactivity**

	No data available
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**10.2. Stability**

	No data available
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**10.3. Possibility of Hazardous Reactions**

	No data available
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**10.4. Conditions to avoid**

	No data available
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**10.5. Incompatible Materials**

	Oxidizing agents
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**10.6 Hazardous Decomposition Products**

	No data available
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**SECTION 11: Toxicological Information****11.1. Information on toxicological effects**

Acute toxicity	LD50 Oral-rat-350mg/kg (ammonium chloride)
Skin Corrosion	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin irritation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity- Repeated exposure	No data available
Specific target organ toxicity	No data available
Aspiration hazard	No data available
Potential health effects	
Inhalation	May be harmful if inhaled.
Ingestion	Harmful if swallowed
Skin	May be harmful if absorbed through the skin.
Eyes	Causes eye burns
Signs and Symptoms of Exposure	No data available

**SECTION 12: Ecological Information**

## 12.1. Toxicity

Toxicity to fish	LC50-Cyprinus carpio (carp)-0.4- 2.2mg/l-96.0h
Toxicity to daphnia and other aquatic invertebrates	EC50 – Daphnia magna (water flea) 0.2mg/l-48h
Toxicity to algae	Growth inhibition LOEC –Pseudokirchneriella subcapitata-12.5 mg/l-96h

## 12.2. Persistence and degradability

	No data available
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## 12.3. Bioaccumulative potential

	No data available
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## 12.4. Mobility in soil

	No data available
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## 12.5. Results of PBT and vPvB assessment

	No data available
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## 12.6 Other adverse effects

	No data available
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**SECTION 13: Disposal Considerations**

## General Information

	Dispose of in compliance with all local and national regulations.
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## Disposal methods

	Contact a licensed waste disposal company.
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## Disposal and Packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal and recycling.
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## Further Information

	For disposal with the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
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**SECTION 14: Transport Information**

## Hazard Pictograms

	Not hazardous for transport
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## 14.1. UN Number

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## 14.2. UN Proper Shipping Name

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## 14.3. Transport Hazard Class

ADR/RID Subsidiary risk IMDG Subsidiary risk IATA Subsidiary risk	Non graded class
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## 14.4. Packing Group

Packing Group	-
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## 14.5. Environmental Hazards

Environmental hazard Marine Pollutant	Not hazardous goods for transport
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## ADR/RID

Hazard ID Tunnel Category	Not hazardous goods for transport
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## IMDG

Ems Code	Not hazardous goods for transport
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## IATA

Packing Instruction (Cargo) Maximum quantity Packing Instruction (Passenger) Maximum quantity	Not hazardous goods for transport
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**SECTION 15: Regulatory Information**

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

15.2 Chemical Safety Assessment – A chemical safety assessment has not been carried out for the mixture.

Regulations

Reach Regulation

**SECTION 16: Other Information**

Other Information

None

Further Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.