

# Safety Data Sheet

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



Revision Date: 22/04/2022

Revision: 2.0

Previous Issue: 08/2017

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

### 1.1. Product Identifier

Product Name	Surf Clean 18-44 (RoHS Compliant/Reach Compliant)
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### 1.2. Relevant Identified uses of the substance or mixture and uses advised against

Description	Cleaner. For Industrial Use.
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### 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	<a href="http://www.warton-metals.co.uk">www.warton-metals.co.uk</a>
Telephone	01706 218888
Fax	01706 221188
Email	<a href="mailto:sales@warton-metals.co.uk">sales@warton-metals.co.uk</a>
Email of competent person	<a href="mailto:sds@warton-metals.co.uk">sds@warton-metals.co.uk</a>

### 1.4. Emergency telephone number

Emergency Telephone Number	+44(0)1706 218888 (8am-5pm Monday-Friday)
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## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

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

Classification- EU Directive Main Hazards	Skin Irrit. 2	H315	Causes skin irritation
	Eye Dam. 1	H318	Causes serious eye damage
	Repr. 1B	H360Df	May damage the unborn child. Suspected of damaging fertility.
	See Section 11 for more detailed information on health effects and symptoms.		

### 2.2. Label Elements

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

GHS Symbols	
Signal Word	<b>Danger</b>
Hazard Statements	H315: Cause skin Irritation H318: Causes serious eye damage H360Df: May damage the unborn child. Suspected of damaging fertility.
Precautionary Statements	P280: Wear protective gloves, eye and face protection. 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 centre or doctor/physician.

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## SECTION 3: Composition/Information on ingredients

3.1. This material is defined as a mixture

Chemical Name	CAS No	EC No.	REACH Registration No.	Conc. (%w/w)	Classification	
Alcohol Ethoxylate	68439-46-3	931-514-1	-	5-15	H302: Acute Tox. 4 H318: Eye Dam. 1	
2-Aminoethanol	141-43-5	205-483-3	01-2119486455-28	1-5	H302: Acute Tox. 4 H312: Acute Tox. 4 H314: Skin Corr. 1B H322: Acute Tox. 4 H335: STOT SE 3 H412: Aquatic Chronic 3	
Alkybenzene Sulphonic Acid Sodium Salt	85117-50-6	285-600-2	-	1-5	H302: Acute Tox. 4 H315: Skin Irrit. 2 H318: Eye Dam. 1 H412: Aquatic Chronic 3	
Tetrahydrofurfuryl alcohol	97-99-4	202-625-6	01-2119968921-26	5-25	H319: Eye irrit. 2 H360Df: Repr. 1B	
Water	7732-18-5	231-791-2	-	60-80		

## SECTION 4: First Aid Measures

4.1. Description of first aid measures

Inhalation	Get medical attention if adverse health effects persist or are severe. Keep warm and at rest.
Eye contact	Flush eyes with plenty of water. Make sure contaminated water washes away from the face and clear upper and lower eyelids. Continue to rinse for 15 minutes.
Skin contact	Wash off with soap and plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. In the event of any complaints or symptoms, avoid further exposure.
Ingestion	Rinse mouth with water. Do not induce vomiting. If vomiting occurs, the head should be kept low as to not allow vomit into lungs. Never give anything by mouth to an unconscious person. If unconscious place in the recovery position. Obtain medical attention immediately.

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

Inhalation	Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Ingestion	Aspiration hazard if swallowed - can enter lungs and cause damage.

4.3 Indication of any immediate medical attention and special treatment needed

	Seek medical attention if any symptoms persist
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## SECTION 5: Firefighting Measures

5.1. Extinguishing Media

	Use extinguishing media appropriate to the surrounding fire conditions Carbon dioxide (CO <sub>2</sub> ), Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite. Do not use water jet as an extinguisher, as this will spread the fire.
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5.2. Special hazards arising from the substance or mixture

	Hazardous decomposition products may include carbon oxides and other toxic gases or vapours.
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5.3. Advice for Fire Fighters

	Avoid breathing fire vapours. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Fire fighters use self-contained breathing apparatus and full protective clothing must be worn in case of fire.
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## SECTION 6: Accidental Release Measures

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

	Use personal protective equipment. Do not walk through or touch spilt material. Ensure adequate ventilation of the working area.
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### 6.2. Environmental precautions

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

	Absorb in vermiculite, dry sand or earth and place into containers. Wear necessary protective equipment.
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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. Avoid spilling. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and using. Keep container tightly sealed when not in use. Do not eat, drink or smoke when using this product.
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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. Keep away from direct sunlight. Keep away from food and drink.
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### 7.3. Specific end use(s)

	See section 1.2
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

2-Aminoethanol	TWA-8 hours 1ppm/2,5 mg/m <sup>3</sup> STEL-15 min 3ppm 7,6 mg/m <sup>3</sup> Can be absorbed through skin
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### 8.2. Exposure Controls

8.2.1 Appropriate engineering controls	Ensure adequate ventilation of the working area. The fumes produced during soldering should be extracted away from the breathing zone of the operators using properly designed efficient, well-maintained, local exhaust ventilation. See HSG 258 and INDG 249, HSE publications for further information.
8.2.2. Individual protection measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use. Ensure that eye wash stations are close to the work area. Wear protective clothing. Disposable vinyl gloves.
Eye/face protection	Use safety goggles where exposure is probable.
Skin / Hand protection	Use suitable protective gloves if risk of skin contact. Nitrile gloves are recommended.
Environmental exposure controls	The material possesses minimal risk to the environment.

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

State	Liquid
Colour	Pale Blue
Odour	Characteristic
pH	11-13
Melting point	No data available
Freezing point	-5°C
Boiling point	98°C
Flash point	N/A
Evaporation rate	No data available
Flammability limits	N/A
Vapour flammability	N/A
Vapour pressure	No data available
Vapour density	No data available
Specific gravity	1.003 @ 20°C
Fat solubility	No data available
Partition coefficient	No data available
Autoignition temperature	N/A
Viscosity	5-10 mPa s
Solubility	Soluble

### 9.2. Other Information

Conductivity	1.14 mS @ 18°C
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

	Stable under normal conditions
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### 10.3. Possibility of Hazardous Reactions

	No data available
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### 10.4. Conditions to avoid

	Avoid heat, flames and other sources of ignition.
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### 10.5. Incompatible Materials

	Strong oxidizing agents.
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### 10.6 Hazardous Decomposition Products

	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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## SECTION 11: Toxicological Information

### 11.1. Information on toxicological effects

Inhalation	Fumes generated during use may cause irritation to the respiratory system and should be extracted away from the operator.
Ingestion	Aspiration hazard if swallowed - can enter lungs and cause damage.
Skin contact	Prolonged contact may cause dryness of the skin. May cause skin irritation.
Eye contact	Irritating to eyes.
Target organs	Eyes
Germ cell mutagenicity	No data available
Carcinogenicity	No data available

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## SECTION 12: Ecological Information

12.1. Toxicity	
Toxicity to fish	No data available
12.2. Persistence and degradability	
	No data available
12.3. Bioaccumulative potential	
	No data available
12.4. Mobility in soil	
	No data available
12.5. Results of PBT and vPvB assessment	
	No data available
12.6 Other adverse effects	
	No data available

## SECTION 13: Disposal Considerations

General Information	
	Dispose of in compliance with all local and national regulations. Empty containers may contain product residue. This material must be disposed of in a safe way.
Disposal methods	
	Contact a licensed waste disposal company. Avoid dispersal of spilt material and runoff in contact with soil, waterways.
Disposal and Packaging	
	Do NOT reuse empty containers. Empty containers can be sent for disposal and recycling.
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



#### 14.1. UN Number

UN2491

#### 14.2. UN Proper Shipping Name

ETHANOLAMINE SOLUTION

#### 14.3. Transport Hazard Class

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

#### 14.4. Packing Group

Packing Group III

#### 14.5. Environmental Hazards

Environmental hazard	No
Marine Pollutant	No

#### ADR/RID

Hazard ID	80
Tunnel Category	E

#### IMDG

Ems Code	F-A-S-B
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#### IATA

Packing Instruction (Cargo)	856
Maximum quantity	60L
Packing Instruction (Passenger)	852
Maximum quantity	5L

## SECTION 15: Regulatory Information

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

#### EU Regulation (EC) No. 1907/2006 (REACH)

Restrictions on use	None.
Substances of very high concern	None.

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: Other Information

### Other Information

This product is REACH and RoHS compliant.

### 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.