



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
UK REACH Regulations (SI 2019/758 as amended)

Revision date 11/11/2024

Revision Number 3

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

1.1. Product identifier

Product Name Platinum Snow Foam
Product Code PMPSF500, PMPSF1L, PMPSF5
Pure substance/mixture Mixture

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

Recommended use Automotive Care
Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Company Name Steel Seal Ltd T/A Automotive Brands
Weston Road
Bretforton, Worcestershire
WR11 7QA
Tel. +44 (0) 1789 330 668
Email info@powermaxed.com

1.4. Emergency telephone number

Emergency Telephone +44 (0) 1789 330 668 Mon - Fri 8:00am - 4:00pm
If you urgently need medical help or advice but it is not a life-threatening situation, call 111 free from any phone to speak to an NHS adviser. The 24-hour NHS 111 service can give you healthcare advice or direct you to the local service that can help you best.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP (SI 2020/1567 as amended)

Skin corrosion	Category 1 - (H314)
Serious eye damage	Category 1 - (H318)

2.2. Label elements

Contains Alcohols, C12-14, ethoxylated, sulfates, sodium salts; Alcohols, C9-11, ethoxylated; Decan-1-ol, ethoxylated; TETRASODIUM ETHYLENE DIAMINE TETRAACETATE; SODIUM HYDROXIDE

Detergent Labelling: 5 - < 15% Anionic surfactants, 5 - < 15% Non-ionic surfactants, < 5% Amphoteric surfactants, < 5% EDTA and salts thereof

**Signal word**

Danger

Hazard statements

H314 - Causes severe skin burns and eye damage.

Precautionary statements

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P260 - Do not breathe vapours/spray.

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

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

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.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards**Other hazards**

No information available.

PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

Chemical name	CAS No.	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	5-10%	500-234-8	-	Aquatic Chronic 3 (H412) Eye Dam. 1 (H318) Skin Irrit. 2 (H315)	Eye Irrit. 2 :: 5%≤C≤10% Eye Dam. 1 :: C>10%	-	-
Beta-alanine,N-(2-carboxyethyl)-,N-cocalkyl	90170-43-7	1-5%	290-476-8	-	Eye Irrit. 2 (H319)	-	-	-

derivs.,disodium salts								
Alcohols, C9-11, ethoxylated	68439-46-3	1-5%	500-457-0	-	Acute Tox. 4 (H302) Eye Dam. 1 (H318)	-	-	-
Decan-1-ol, ethoxylated	26183-52-8	1-5%	500-046-6	-	Acute Tox. 4 (H302) Eye Dam. 1 (H318)	-	-	-
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	64-02-8	1-5%	200-573-9	01-21194867 62-27-XXXX	Acute Tox. 4 (H302) Acute Tox. 3 (H332) Eye Dam. 1 (H318) STOT RE 2 (H373)	-	-	-
SODIUM HYDROXIDE	1310-73-2	1-5%	215-185-5	-	Eye Dam. 1 (H318) Met. Corr. 1 (H290) Skin Corr. 1A (H314)	Eye Dam. 1 :: C>=2% Eye Irrit. 2 :: 0.5%<=C<2% Skin Corr. 1A :: C>=5% Skin Corr. 1B :: 2%<=C<5% Skin Irrit. 2 :: 0.5%<=C<2%	-	-
ETHYL ACETATE	141-78-6	<1%	205-500-4	-	Eye Irrit. 2 (H319) Flam. Liq. 2 (H225) STOT SE 3 (H336)	-	-	-

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration >= 0.1% (UK REACH Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical attention.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

	eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical attention.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Wear personal protective clothing (see section 8).

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

Symptoms	Burning sensation.
Effects of Exposure	No information available.

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

Note to doctors	Product is a corrosive material. Use of gastric lavage or emesis is contra-indicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapours.
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5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Other information	Refer to protective measures listed in Sections 7 and 8.
For emergency responders	Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	United Kingdom
SODIUM HYDROXIDE 1310-73-2	STEL: 2 mg/m ³
ETHYL ACETATE 141-78-6	TWA: 734 mg/m ³ TWA: 200 ppm STEL: 1468 mg/m ³

	STEL: 400 ppm
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Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers No information available

Chemical name	Oral	Dermal	Inhalation
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3		2750 mg/kg bw/day [4] [6] 132 µg/cm2 [5] [6]	175 mg/m³ [4] [6]
Beta-alanine,N-(2-carboxyethyl)-,N-co co alkyl derivs.,disodium salts 90170-43-7		2.67 mg/kg bw/day [4] [6]	980 mg/m³ [4] [6]
Alcohols, C9-11, ethoxylated 68439-46-3		2080 mg/kg bw/day [4] [6]	294 mg/m³ [4] [6]
Decan-1-ol, ethoxylated 26183-52-8		2080 mg/kg bw/day [4] [6]	294 mg/m³ [4] [6]
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE 64-02-8			1.5 mg/m³ [4] [6]
SODIUM HYDROXIDE 1310-73-2			1 mg/m³ [5] [6]
ETHYL ACETATE 141-78-6		63 mg/kg bw/day [4] [6]	734 mg/m³ [4] [6] 1468 mg/m³ [4] [7] 734 mg/m³ [5] [6] 1468 mg/m³ [5] [7]

Derived No Effect Level (DNEL) - General Public No information available.

Chemical name	Oral	Dermal	Inhalation
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3	15 mg/kg bw/day [4] [6]	79 µg/cm2 [5] [6]	52 mg/m³ [4] [6]
Alcohols, C9-11, ethoxylated 68439-46-3	25 mg/kg bw/day [4] [6]		87 mg/m³ [4] [6]
Decan-1-ol, ethoxylated 26183-52-8	25 mg/kg bw/day [4] [6]		87 mg/m³ [4] [6]
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE 64-02-8	25 mg/m³ [4] [6]		1.2 mg/m³ [4] [6]
SODIUM HYDROXIDE 1310-73-2		2 mg/kg/day [5] [6]	1 mg/m³ [5] [6]
ETHYL ACETATE 141-78-6	4.5 mg/kg bw/day [4] [6]		367 mg/m³ [4] [6] 734 mg/m³ [4] [7] 367 mg/m³ [5] [6] 734 mg/m³ [5] [7]

Predicted No Effect Concentration (PNEC) No information available.

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Alcohols, C12-14,	0.24 mg/L	0.071 mg/L	0.024 mg/L		

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
ethoxylated, sulfates, sodium salts 68891-38-3					
Beta-alanine,N-(2-carboxy ethyl)-,N-coco alkyl derivs.,disodium salts 90170-43-7	0.1 mg/L	0.1 mg/L	0.01 mg/L		
Alcohols, C9-11, ethoxylated 68439-46-3	0.10379 mg/L	0.014 mg/L	0.10379 mg/L		
Decan-1-ol, ethoxylated 26183-52-8	0.292 mg/L	0.0039 mg/L	0.0292 mg/L		
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE 64-02-8	2.2mg/L	1.2 mg/l	0.22 mg/l	1.2 mg/l	
ETHYL ACETATE 141-78-6	0.24 mg/L	1.65 mg/L	0.024 mg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3	0.9168 mg/kg sediment dw	0.0917 mg/kg sediment dw	10 g/L	7.5 mg/kg soil dw	
Beta-alanine,N-(2-carboxy ethyl)-,N-coco alkyl derivs.,disodium salts 90170-43-7			0.3 mg/L		
Alcohols, C9-11, ethoxylated 68439-46-3	13.7 mg/kg sediment dw	13.7 mg/kg sediment dw	1.4 mg/L	1 mg/kg soil dw	
Decan-1-ol, ethoxylated 26183-52-8	31.92 mg/kg sediment dw	3.19 mg/kg sediment dw	1.4 mg/L	1 mg/kg soil dw	
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE 64-02-8				0.72mg/kg	
ETHYL ACETATE 141-78-6	1.15 mg/kg sediment dw	0.115 mg/kg sediment dw	650 mg/L	0.148 mg/kg soil dw	0.2 g/kg food

8.2. Exposure controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Personal protective equipment

Eye/face protection

Tight sealing safety goggles. Face protection shield. Eye protection must conform to standard EN 166.

Hand protection

Wear suitable gloves. Impervious gloves. Gloves must conform to standard EN 374.

Skin and body protection	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.
Respiratory protection	Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear liquid
Colour	red
Odour	Characteristic.
Odour threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	13.5	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	Soluble in water	None known
Solubility(ies)	Soluble in water	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	~1	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	No information available	
Oxidising properties	No information available	

9.2. Other information

VOC content	No data available
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Exposure to air or moisture over prolonged periods.

10.5. Incompatible materials

Incompatible materials Acids. Bases. Oxidising agent.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Corrosive to the eyes and may cause severe damage including blindness. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns.
Ingestion	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Coughing and/ or wheezing.

Acute toxicity**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	5,164.90 mg/kg
ATEmix (dermal)	90,278.50 mg/kg
ATEmix (inhalation-gas)	147,839.20 ppm
ATEmix (inhalation-vapour)	361.40 mg/l
ATEmix (inhalation-dust/mist)	49.30 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	-	> 2000 mg/kg (Rat)	-
Alcohols, C9-11, ethoxylated	= 1400 mg/kg (Rat)	-	-
Decan-1-ol, ethoxylated	= 1400 mg/kg (Rat)	-	-
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	LD50 rat (oral): > 2,000 mg/kg	LD50 rat (oral): > 5,000 mg/kg	LC50 rat (by inhalation): > 1 mg/l 5 d
SODIUM HYDROXIDE	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-
ETHYL ACETATE	= 5620 mg/kg (Rat)	> 18000 mg/kg (Rabbit)	= 4000 ppm (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Classification based on data available for ingredients. Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes serious eye damage. Causes burns.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	EC50 (48 h) > 100 mg/l	LC50 (96 h) > 100 mg/l, <i>Lepomis macrochirus</i>	-	EC50 (48 h) > 500 mg/l, <i>Daphnia magna</i>
SODIUM HYDROXIDE	-	LC50: =45.4mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	156 mg/l, (46h <i>Daphnia magna</i>)
ETHYL ACETATE	-	LC50: 220 - 250mg/L (96h, <i>Pimephales promelas</i>) LC50: =484mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 352 - 500mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	EC50: =560mg/L (48h, <i>Daphnia magna</i>)

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	0.3
ETHYL ACETATE	0.73

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	The substance is not PBT / vPvB
Beta-alanine,N-(2-carboxyethyl)-,N-coco alkyl derivs.,disodium salts	The substance is not PBT / vPvB
Alcohols, C9-11, ethoxylated	The substance is not PBT / vPvB
Decan-1-ol, ethoxylated	The substance is not PBT / vPvB
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	The substance is not PBT / vPvB
SODIUM HYDROXIDE	The substance is not PBT / vPvB
ETHYL ACETATE	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

SECTION 14: Transport information

IATA

14.1 UN number or ID number	UN1760
14.2 UN proper shipping name	Corrosive liquid, n.o.s. Contains Sodium Hydroxide
14.3 Transport hazard class(es)	8
14.4 Packing group	III
Description	UN1760, Corrosive liquid, n.o.s. Contains Sodium Hydroxide, 8, III
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	A3, A803
ERG Code	8L

IMDG

14.1 UN number or ID number	UN1760
14.2 UN proper shipping name	Corrosive liquid, n.o.s. Contains Sodium Hydroxide
14.3 Transport hazard class(es)	8
14.4 Packing group	III
Description	UN1760, Corrosive liquid, n.o.s. Contains Sodium Hydroxide, 8, III
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	274, 223 F-A S-B
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	UN1760
14.2 UN proper shipping name	Corrosive liquid, n.o.s. Contains Sodium Hydroxide
14.3 Transport hazard class(es)	8
14.4 Packing group	III
Description	UN1760, Corrosive liquid, n.o.s. Contains Sodium Hydroxide, 8, III
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	274
Classification code	C9

ADR

14.1 UN number or ID number	UN1760
14.2 UN proper shipping name	Corrosive liquid, n.o.s. Contains Sodium Hydroxide
14.3 Transport hazard class(es)	8
14.4 Packing group	III
Description	UN1760, Corrosive liquid, n.o.s. Contains Sodium Hydroxide, 8, III, (E)
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	274
Classification code	C9

Tunnel restriction code (E)

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

This product does not contain substances subject to authorisation (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH (SI 2015/483 as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons and Explosive Precursors

Chemical name	Poisons and Explosive Precursors
SODIUM HYDROXIDE	Poison, Reportable 12 % of total caustic alkalinity

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status
TCSI	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

TCSI - Taiwan Chemical Substance Inventory

15.2. Chemical safety assessment

Chemical Safety Report

No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapour

H290 - May be corrosive to metals

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

H400 - Very toxic to aquatic life

H412 - Harmful to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average)

Ceiling Maximum limit value

+ Sensitisers

STEL

Sk*

STEL (Short Term Exposure Limit)

Skin designation

Classification procedure

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

Acute oral toxicity

Acute dermal toxicity

Acute inhalation toxicity - gas

Acute inhalation toxicity - vapour

Acute inhalation toxicity - dust/mist

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory sensitisation

Skin sensitisation

Mutagenicity

Carcinogenicity

Reproductive toxicity

STOT - single exposure

STOT - repeated exposure

Chronic aquatic toxicity

Acute aquatic toxicity

Aspiration hazard

Ozone

Method Used

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

Calculation method

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Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 11/11/2024

This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

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End of Safety Data Sheet