

SAFETY DATA SHEET

BLAST SURFACTANT

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Compilation date: 11.03.09

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Revision No: 3

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

1.1. Product identifier

Product name: BLAST SURFACTANT

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

Use of substance / mixture: Treating the surfaces of metals

1.3. Details of the supplier of the safety data sheet

Company name: Blast Wash UK
24 Baron Avenue
Earls Barton Industrial Estate
Earls Barton
Northants
NN6 0JE
United Kingdom
Tel: 01604 811505
Fax: 01604 812707
Email: info@blast-wash.co.uk

1.4. Emergency telephone number

Emergency tel: 07725 819653

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: No significant hazard.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous ingredients:

2-METHYLPENTANE-2,4-DIOL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-489-0	107-41-5	Xi: R36/38	-	1-10%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Rinse off with plenty of water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Seek Medical Attention.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Keep warm and at rest Seek medical attention if patient feels unwell.

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

Skin contact: There may be redness or whiteness of the skin in the area of exposure. Irritation or pain may occur at the site of contact. Blistering may occur.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use extinguisher suitable to material on fire.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Firefighter should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear appropriate personal protective equipment - section 8 Material can create slippery condition underfoot

[cont...]

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6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Prevent excessive contamination of watercourses.
If substance enters these regions then inform the appropriate authorities

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Avoid contact with skin, eyes and clothing

Suitable packaging: Stainless steel. PTFE

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

2-METHYLPENTANE-2,4-DIOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	123 mg/m ³	123 mg/m ³	-	-

8.2. Exposure controls

Engineering measures: Ensure there is exhaust ventilation of the area. Ensure that eyewash stations and safety showers are close to the workstation location

Respiratory protection: Avoid inhalation and ensure adequate ventilation. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: PVC gloves. Rubber gloves.

Eye protection: Face-shield. Safety glasses with side-shields.

Skin protection: Protective clothing to prevent extended contact with skin. Rubber boots.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless - pale yellow

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Odour: Mild.

Solubility in water: Soluble

Viscosity: 44.4 at 25degrees

Melting point/range°C: 15

Flash point°C: 184

Autoflammability°C: 355

Relative density: 1.00

pH: 6 @ 1%

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Oxidising agents

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: Not applicable.

Symptoms / routes of exposure

Skin contact: There may be redness or whiteness of the skin in the area of exposure. Irritation or pain may occur at the site of contact. Blistering may occur.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Moderately toxic to aquatic species

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of in accordance with all applicable local, regional and national regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This safety data sheet complies with the 28th adaption of E.C. directive 67/548/EEC, known in the U.K. as CHIP 3.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.