

SAFETY DATA SHEET

SLUDGEBUSTER



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Compilation date: 14/11/2011

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Revision No:7

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

1.1. Product identifier

Product name: SLUDGEBUSTER
Product code: UNISLUD

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

Use of substance / mixture: PC39 Liquid Mud & Silt Remover.

1.3. Details of the supplier of the safety data sheet

Company name: UNICONOMY LIMITED
Unit 1 Carter Building, Brookside
Thornton Cleveleys
Lancashire
FY5 4EZ
United Kingdom
Tel: 01253 854050

Email: enquiries@uniconomy.co.uk

1.4. Emergency telephone number

Emergency tel: 01253 860606 (Office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.

[cont...]

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P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ALUMINIUM SULPHATE

EINECS	CAS	PBT / WEL	CLP Classification	
233-135-0	10043-01-3	-	Met. Corr. 1 H290 Eye Irrit. 2: H319; (67/548/EEC or 1999/45/EC	Xi;R36

Non-classified ingredients:

HYDROXYTHYL CELLULOSE				
EINECS	CAS	PBT / WEL	CLP Classification	Percent
	9004-62-0			

SODIUM ACETATE

	127-09-3			
-		-		

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash with plenty of soap and water. Seek medical attention if skin damaged.

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

Ingestion: Wash out mouth with water and drink plenty of water..

Inhalation:.. Not normally applicable, but as a precaution move to fresh air

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

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

Inhalation: N/A

[cont...]

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. Water based product. Advice relates to dry residues after water has evaporated.

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.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid contact with skin & eyes. Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage

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7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

DNEL Industry - Inhalation ; Long term systemic effects: 20.2 mg/m³
Consumer - Oral; Long term systemic effects: 3.4 mg/kg/day
Consumer - Oral; : 3700 mg/kg/day. Industry - Oral; : 5700 mg/kg/day

PNEC I- STP; 20 mg/Industry - Inhalation ; Long term systemic effects: 20.2 mg/m³

ALUMINIUM SULPHATE (CAS: 10043-01-3) Ingredient comments WEL = Workplace exposure limits.

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DNEL/PNEC Values

DNEL Consumer - Oral; : 3700 mg/kg/day. Industry - Oral; : 5700 mg/kg/day **PNEC** No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Inhalation not likely. Ensure suitable ventilation.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.



Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Clear, white or Fluorescent Yellow/Green (depending if dye required for tracing)

Odour: No significant odour.

Evaporation rate: Slow

Solubility in water: Highly soluble

Viscosity: Non-viscous

Boiling point/range°C: 100

Melting point/range°C: No data available

Flash point°C: N/A

Relative density: 0.995

Part.coeff. n-octanol/water: N/A.

VOC g/l: No data available.

Vapour pressure: N/A.

pH: (diluted solution) 3.1%

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9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No known reactivity hazards.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Excessive heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong alkalis.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

Acute toxicity oral (LD mg/kg 2,000 Species Rat

Acute toxicity - dermal LD mg/kg 5,000 Species Rabbit

	Acute toxicity oral (LD mg/kg 2,000 Species Rat	Acute toxicity - dermal LD mg/kg 5,000 Species Rabbit
Skin corrosion/Irritation	Animal data	not irritating
Eye damage / irritation		moderately irritating
Skin sensitisation		not sensitising

Reproductive toxicity This product has no evidence of toxicity to reproduction.

Respiratory sensitisation		No information
Cell mutagenicity	No evidence of mutagenic properties	
Carcinogenicity	No evidence that the product has carcinogenic properties	

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Relevant hazards for product:

Hazard	Route	Basis
Eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

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

Inhalation: Inhalation not likely. Ensure suitable ventilation.

Section 12: Ecological information

12.1. Toxicity

FISH	96H LC50	142 mg/l	I
AQUATICVFISH	48H EC50	38 mg/l	

ALUMINIUM SULPHATE	TOXICITY	Not considered toxic to fish	
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12.2. Persistence and degradability

Persistence and degradability: The product contains only inorganic substances which are not biodegradable.

No data on the degradability of this product. Biodegradation Scientifically unjustified.

12.3. Bioaccumulative potential

Partition coefficient_{pot} No information available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: None known

Section 13: Disposal considerations

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13.1. Waste treatment methods

Disposal operations: Flush down sewerage drain with copious amounts of water.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of as normal industrial waste. Clean with water.

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

Specific regulations: Not applicable.

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 2015/830.

IMPORTANT NOTE:

Risk phrases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.

See sections 2 and 3 for the calculated hazard and risk phrases for the blended product.

Phrases used in s.2 and s.3:

H318: Causes serious eye damage.

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. For professional and industrial use only.