

SAFETY DATA SHEET

HOT WASH LOW FOAM

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product Name: Hot Wash Low Foam

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3. Details of the supplier of the safety data sheet

Company name: Pure Clean Waste Solutions Ltd

Old Moor Road,

Bredbury,

Stockport,

SK6 2QE

Tel: 0161 430 5390

Fax: 0161 406 9723

Email: support@pcws.co.uk

Emergency Tel: 0161 430 5390

1.4. Emergency telephone number

Emergency Tel: 0161 430 5390 (Office hours only)

2 HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H215; Eye Dam. 1: H318; -:EUH208

Most important adverse effects: Contains d-limonene. May produce an allergic reaction. Causes skin irritation. Causes serious eye damage.

2.2. Label element

Label elements:

Hazard statements:

EUH208: Contains d-limonene. May produce an allergic reaction.

H315: Causes skin irritation.

H318: Causes serious eye damage.

Hazard pictograms:

GHS05: Corrosion



Signal words:

Danger

Precautionary statements:

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

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.

P332+313: If skin irritation occurs: Get medical advice/attention.

P310: Immediately call a POISON CENTRE/doctor.

2.3. Other hazards

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

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3 Composition/information on ingredients

3.2. Mixtures

Hazard Ingredients:

ETHOXYLATED ALCOHOLS

EINECS	CAS	PBT/WEL	CLP Classification	Percent
-	68439-45-2	-	Acute Tox. 4: H302; Eye Dam. 1:H318	1-10%

TETRAPOTASSIUM PYROPHOSPHATE (TKPP) - REACH registered number(s): 01-2119489369-XXXX

230-785-7	7320-34-5	-	Eye Irrit. 2: H319	1-10%
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2-AMINOETHANOL

205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
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D-LIMONENE

227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2:H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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4 First Aid Measures

4.1. Description of first aid measures

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

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

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

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.

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5 FIRE-FIGHTING MEASURES

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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.

6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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.

6.4. Reference to other sections

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

7 Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): Refer to Section 1

8 Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

TETRAPOTASSIUM PYROPHOSPHATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1.0 mg/m3	2.0 mg/m3	-	-

2-AMINOETHANOL

UK	2.5 mg/m3	7.6 mg/m3	-	-
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DNEL/PNEC Values

Hazardous ingredients:

TETRAPOTASSIUM PYROPHOSPHATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	2.79mg/m ³	Workers	Systemic
DNEL	Inhalation	0.68mg/m ³	Consumers	Systemic
PNEC	Fresh Water	0.05mg/l	-	-
PNEC	Marine Water	0.005mg/l	-	-
PNEC	Fresh Water	0.5mg/l	-	-

8.2. Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Self-contained breathing apparatus must be available in case of emergency.
Hand protection:	Protective gloves.
Eye protection:	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

9

Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid	
Colour:	Colourless	
Odour:	Barely perceptible odour	
Oxidising:	Non-oxidising (by EC criteria)	
Solubility in water:	Highly soluble	
Viscosity:	No data available.	
Boiling point/range °C:	100	Melting point/range °C: No data available.
Flammability %: lower:	No data available.	Upper: No data available.
Flash point °C:	>93	Part.coeff. N-octanol/water: No data available.
Autoflammability °C:	No data available.	Vapour pressure: No data available.
Relative density:	1.03	pH: 10.5-11.5
VOC g/l:	No data available.	

9.2. Other information

Other information:	No data available.
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Stability and reactivity

10.1. Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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10.2. Chemical stability

Chemical stability:	Stable under normal conditions.
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10.3. Possibility of hazardous reaction

Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
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10.4. Conditions to avoid

Conditions to avoid:	Heat.
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10.5. Incompatible materials

Materials to avoid:	Strong oxidising agents. Strong acids.
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10.6. Hazardous decomposition products

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

11.1. Information on toxicological effects

**Hazardous ingredients:
ETHOXYLATED ALCOHOLS**

DERMAL	-	LD50	>2000	mg/kg
ORAL	-	LD50	>300, >2000	mg/kg

2-AMINOETHANOL

IVN	RAT	LD50	225	mg/kg
ORL	MUS	LD50	700	mg/kg
ORL	RAT	LD50	1720	mg/kg
SCU	RAT	LD50	1500	mg/kg

D-LIMONENE

ORL	MUS	LD50	5600	mg/kg
ORL	RAT	LD50	4400	mg/kg
SCU	MUS	LD50	3170	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious 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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

12 Ecological information

12.1. Toxicity

**Hazardous ingredients:
ETHOXYLATED ALCOHOLS**

ALGAE	LL/EL/IL50	>100	mg/l
Daphnia magna	LL/EL/IL50	1-10	mg/l
FISH	LL/EL/IL50	1-10	mg/l

TETRAPOTASSIUM PYROPHOSPHATE

Daphnia magna	48H EC50	100	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>100	mg/l

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: Readily absorbed into soil.

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: Negligible ecotoxicity.

13 Disposal Considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 Transport information

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

15 Regulatory information

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

Specialist 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.

16 Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. *indicates text in the SDS which has changed since last revision.

Phrases used in s.2 and s.3: EUH208: Contains d-limonene. May produce an allergic reaction.
H226: Flammable liquid and vapour
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

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.