

SAFETY DATA SHEET

"TILT CLEANER"

Compilation date: 21st August 2015

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY:

- 1.1 Product Name:** "TILT CLEANER"
- 1.2 Applications:**
- 1.3 Supplier:** Conservation Technology Ltd, Davitt Road, Dublin 12, D12 YXK8
Tel: 01 455 9511; Fax 01 455 9511
Email: info@conservationtech.ie; web: www.conservationtech.ie
- 1.4 Emergency Telephone No.** Tel: 01 455 9511 – Mon-Fri: 0830 - 1700

2. HAZARDS IDENTIFICATION:

- 2.1 Classification under CLP:** Skin Corr. 1A: H314
- Most important adverse effects:** Causes severe skin burns and eye damage.
- 2.2 Label elements:**
- Hazard statements:** H314: Causes severe skin burns and eye damage.
- Signal words:** Danger
- Hazard pictograms:** GHS05: Corrosion



- Precautionary statements:**
- P260: Do not breathe mist/spray.
- P280: Wear protective gloves/eye protection.
- P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- 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:** No environmental hazards associated with this product
- PBT :** This product is not identified as a PBT/vPvB substance.

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3. COMPOSITION / INFORMATION ON INGREDIENTS:

3.2 Mixtures:

Hazardous ingredients:

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-573-9	64-02-8	-	Acute Tox. 4: H302; Eye Dam. 1: H318	5-10%

C9-11 ALCOHOL ETHOXYLATE WITH 6.5MEO

-	68439-45-2	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-5%
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β-ALANINE, N-(2-CARBOXYETHYL)-, N-COCO ALKYL DERIVS., DISODIUM SALTS

290-476-8	90170-43-7	-	Eye Irrit. 2: H319	1-5%
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DISODIUM METASILICATE

229-912-9	6834-92-0	-	Skin Corr. 1B: H314; STOT SE 3: H335	1-5%
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4. FIRST AID MEASURES:

4.1 Description of measures:

EYE CONTACT: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Seek medical attention should eye irritation persist or become inflamed.

INHALATION: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

SKIN CONTACT: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

INGESTION: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial

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respiration if necessary. If unconscious and breathing is OK, place in the recovery position.

Transfer to hospital as soon as possible.

4.2 Acute & Chronic symptoms:

- Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
- Eye contact:** Corneal burns may occur. May cause permanent damage.
- Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
- Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

4.3 Immediate medical attention:

Immediate effects can be expected after short-term exposure.

5. FIRE FIGHTING MEASURES:

- 5.1 Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- 5.2 Combustion Hazards:** Corrosive. In combustion emits toxic fumes.
- 5.3 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:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. 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:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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- 6.3 Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.4 References to other sections:** Refer to section 8 of SDS.

7. HANDLING & STORAGE:

- 7.1 Safe handling precautions:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- 7.2 Safe storage conditions:** Store in tightly closed original container in a dry and cool place. Keep in original container.
- 7.2 Incompatible materials:** Acids & oxidizing agents
- 7.3 Specific end uses:** No data available.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL / PNEC No data available.

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: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL & CHEMICAL PROPERTIES:

9.1. Information on basic physical and chemical properties

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State: Liquid
 Colour: Dark yellow
 Odour: Detergent Odour
 Solubility in water: Miscible in all proportions
 Relative density: 1.17
 pH: 13.6

9.2. Other information

Other information: No data available.

10. STABILITY & REACTIVITY:

10.1. Reactivity Stable under recommended transport or storage conditions.
10.2. Chemical stability Stable under normal conditions.
10.3. Possibility of hazardous reactions Hazardous reactions will not occur under normal transport or storage conditions.
 Decomposition may occur on exposure to conditions or materials listed below.
10.4. Conditions to avoid Heat.
10.5. Incompatible materials Strong oxidising agents. Strong acids.
10.6. Hazardous decomposition products In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION:

11.1. Information on toxicological effects

Hazardous ingredients:

C9-11 ALCOHOL ETHOXYLATE WITH 6.5MEO

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>300<2000	mg/kg

DISODIUM METASILICATE

ORL	MUS	LD50	770	mg/kg
ORL	RAT	LD50	1153	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

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Serious eye damage/irritation	OPT	Hazardous: calculated
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Symptoms / routes of exposure

Skin contact:	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
Eye contact:	Corneal burns may occur. May cause permanent damage.
Ingestion:	Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
Inhalation:	There may be shortness of breath with a burning sensation in the throat. Exposure
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION:

12.1. Toxicity

Hazardous ingredients:

C9-11 ALCOHOL ETHOXYLATE WITH 6.5MEO

FISH	96H LC50	1-10	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS:

13.1 Waste treatment Methods: Waste material is classified as hazardous waste and should be disposed of by incineration or collected by a registered waste disposal company, operating within the scope of the Hazardous waste Regulations 2005 in the UK or local equivalent regulations in other countries.

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14. TRANSPORT INFORMATION:

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

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15. REGULATORY INFORMATION:

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

Specific regulations: European Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (known as 'CLP'). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR. Workplace Exposure Limits EH40.2005 (2nd edition published 2011). REACH: Regulation 1907/2006/EC effective June 1st , 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH. Dangerous Preparations Directive (1999/45/EC)

15.2 Chemical Safety Assessment

16. OTHER INFORMATION:

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

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

Phrases used in s.2 and s.3: H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

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