

SAFETY DATA SHEET
CLEANSER-FLUID

Revision Number 1
Compilation date: 01/06/15

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.

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 procedures: Refer to section 8 of SDS for personal protection details.
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

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

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: 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.

7.3. Specific end use(s)

Specific end use(s): Not applicable

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits: No data available
DNEL/PMEC Values
DNEL / PNEC : No data available

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.
Hand protection: Protective gloves.
Eye protection: Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.
Environmental: No special requirement.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

Information on basic physical and chemical properties.

State:	Liquid
Form:	Clear
Colour:	Colourless
Odour:	Slight
Odour Threshold:	No data available
pH:	No data available.
Melting Point:	No data available
Freezing Point:	No data available
Initial Boiling Point / and Boiling range	180°C (356°F) - 270°C (518°F) [ASTM D86]
Flash Point [Method]:	>70°C (158°F) [ASTM D-93]
Evaporation Rate (n-butyl acetate = 1):	< 0.01 [In-house method]
Flammability (Solid, Gas):	No data available
Upper/Lower Flammable Limits (Approximate volume % in air):	UEL: 7.0 LEL: 0.6 [Extrapolated]
Vapour Pressure:	[N/D at 20°C] < 0.1 kPa (0.75 mm Hg) at 25°C [In-house method]
Vapour Density (Air = 1):	> 1 at 101 kPa [Calculated]
Relative Density (at 15 °C):	0.771 - 0.871 [With respect to water] [Calculated]
Solubility(ies):	water Negligible
Partition coefficient (n-Octanol/Water Partition Coefficient)	No data available
Autoignition Temperature:	>200°C (392°F) [Extrapolated]
Decomposition Temperature:	No data available
Viscosity:	[N/D at 40°C] 2 cSt (2 mm ² /sec) at 20°C - 3.5 cSt (3.5 mm ² /sec) at 20°C [ASTM D7042]
Explosive Properties:	None
Oxidizing Properties:	None

9.2. Other information

Density (at 15 °C): 770 kg/m³ (6.43 lbs/gal, 0.77 kg/dm³) - 870 kg/m³ (7.26 lbs/gal, 0.87 kg/dm³) [ISO 12185]
 Pour Point: < -20°C (-4°F) [ASTM D5950]
 Molecular Weight: 185 G/MOLE [Calculated]
 Hygroscopic: No
 Coefficient of Thermal Expansion: 0.00091 V/V/DEG C [In-house method]

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

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

Conditions to avoid: Heat, Hot surfaces, Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong acids, Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous ingredients: HYDROCARBONS, C11-C14, N-ALKALINES, ISOALKALINES, CYCLICS, <2% AROMATICS

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	1H LC50	>5000	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness. Ingestion: There may be irritation of the throat.
Ingestion: There may be irritation of the throat.
Inhalation: There may be an irritation of the throat with a feeling of tightness in the chest

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Hazardous ingredients: HYDROCARBONS, C11-C14, N-ALKALINES, ISOALKALINES, CYCLICS, <2% AROMATICS

Daphnia magna	48H EC50	>10	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>10	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bio-accumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Volatile. Insoluble in water. Floats on 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: Negligible ecotoxicity.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

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.

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SECTION 15: REGULATORY INFORMATION

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

15.2. Chemical safety assessment

SECTION 16: OTHER INFORMATION

Other information

This data safety sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * Indicates text in the SDS which has changed since last revision.

Phrases used in section 2 and section 3: EUH066: Repeated exposure may cause skin dryness or cracking. EUH210: Safety data sheet available upon request. H304: May be fatal if swallowed and enters airways.

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