

SAFETY DATA SHEET

Compilation date: 17/11/2022

Revision: 8

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

1.1. Product identifier

Product form:	Mixture
Trade name:	Degreasing Cleaner RTU
Product group:	Trade product
Product code:	PLAT129

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

1.2.1 Relevant identified uses

Main use category:	Professional use
Function or use category:	Washing and cleaning products (including solvent based products). Heavy Duty, Alkaline Liquid Hard Surface Cleaner. Suitable for use in the food Industry.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company Name:	Spearhead 4 Symington Place Riverside Business Park Irvine KA11 5DE Tel: 0345 180 1800 Email: sales@spearheadhealthcare.com
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No. 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720.
None

2.2 Label elements

Hazard Pictograms (CLP):	None
Signal word (CLP):	None
Hazard statements:	None
Precautionary statements:	P102 Keep out of reach of children. P301 IF SWALLOWED: P313 Get medical advice/ attention. P501 Dispose of contents/ container in accordance with local regulations.

The full texts for all H- and EUH-phrases are displayed in Section 16 'Other Information'.

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS No./ EC No.	Classification	Conc (%)
SODIUM DODECYL BENZENE SULPHONATE	68411-30-3 270-115-0	Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	0.1 - 1%
SODIUM METASILICATE		Skin Corr. 1B - H314 Eye Dam. 1 - H318	0.1 - 1%
2-BUTOXYETHANOL	111-76-2 203-905-0	Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	0.1 - 1%
SODIUM CUMENE SULPHONATE	15763-76-5 239-854-6	Eye Irrit. 2 - H319	0.1 - 1%
ALCOHOL (C9-11) ETHOXYLATE (8EO)	68439-46-3	Acute Tox. 4 - H302 Eye Dam. 1 - H318	0.1 - 1%
SODIUM HYDROXIDE	1310-73-2 215-185-5	Met. Corr. 1 - H290 Skin Corr. 1A - H314 Eye Dam. 1 - H318	<0.1%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:	Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion:	Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin contact:	Wash with plenty of water.
Eye contact:	Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

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

General information:	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation:	No specific symptoms known.
Ingestion:	No specific symptoms known. But - May cause discomfort if swallowed.
Skin contact:	No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
Eye contact:	No specific symptoms known. Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor:	Treat symptomatically.
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5. FIREFIGHTING MEASURES

5.1. Extinguishing media:

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards:

Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

5.3. Special protective equipment:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions:

No special protective clothing. (See Sec 8).

6.2. Environmental precautions:

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and clean-up:

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

For personal protection, see Section 8.

7. HANDLING & STORAGE

7.1. Precautions for safe handling:

Usage precautions: No specific recommendations.

7.2 Conditions for safe storage, including any incompatibilities:

Keep only in the original container in a cool, well-ventilated place. Store away from the following materials:
Oxidising materials and Acids.

7.3. Specific end use(s)

Specific end use(s): The identified uses for this product are detailed in Section 1.2.
Usage description: See Product Information Sheet & Label for detailed use of this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Occupational exposure limits

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m³
Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m³
Sk

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³
WEL = Workplace Exposure Limit.
Sk = Can be absorbed through skin.

8.2. Exposure controls

Appropriate engineering controls: Not relevant.
Eye/face protection: No specific eye protection required during normal use.
Hand protection: No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.
Other skin and body protection: None required.
Respiratory protection: Respiratory protection not required.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid.
Colour:	Clear. Colourless.
Odour:	Faint Solvent.
pH:	pH (concentrated solution): 12.0
Melting point:	-2°C
Initial boiling point and range:	102°C @ 760 mm Hg
Flash point:	Boils without flashing.
Flammability (solid, gas):	Not applicable.
Upper/lower flammability or explosive limits:	Not applicable.
Vapour pressure:	Not available.
Vapour density:	Not available.
Relative density:	1.003 @ 20°C
Solubility(ies):	Soluble in water.
Partition coefficient:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition Temperature:	Not applicable.
Viscosity:	Not available.

9.2. Other information

Other information:	None.
Particle size:	Not applicable.

10. STABILITY & REACTIVITY

10.1. Reactivity:	Reactions with the following materials may generate heat: Strong acids.
10.2. Chemical stability:	No particular stability concerns.
10.3. Possibility of hazardous reactions:	See sections 10.1, 10.4 & 10.5.
10.4. Conditions to avoid:	There are no known conditions that are likely to result in a hazardous situation.
10.5. Incompatible materials:	Strong acids.
10.6. Hazardous decomposition products:	No known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

<u>Toxicological effects:</u>	We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.
<u>Other health effects:</u>	Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.
<u>Acute toxicity - oral</u>	
Summary	Not applicable.
<u>Acute toxicity – dermal</u>	
Summary	Not applicable.
<u>Acute toxicity - inhalation</u>	
Summary	Not applicable.
<u>Skin corrosion/irritation</u>	
Summary	Not applicable.
<u>Serious eye damage/irritation</u>	
Summary	Not applicable.
<u>Respiratory sensitisation</u>	
Summary	Not applicable.
<u>Skin sensitisation</u>	
Summary	Not applicable.
<u>Germ cell mutagenicity</u>	
Summary	Not applicable.

Carcinogenicity

Summary Not applicable.

Reproductive toxicity

Summary Not applicable.

Specific target organ toxicity - single exposure

Summary Not applicable.

Specific target organ toxicity - repeated exposure

Summary Not applicable.

Aspiration hazard

Summary Not applicable.

11.2 Information on other None known

Hazards 11.2.1 Endocrine disrupting properties

12. ECOLOGICAL INFORMATION

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended). and UK Regulation: SI 2020 No. 1617 "The Detergents (Amendment) (EU Exit) Regulations 2020".

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.
Partition coefficient Not applicable.

12.4. Mobility in soil

Mobility Not known.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None known.

12.6. Other adverse effects

Other adverse effects Now section 12.7: None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

14. TRANSPORT INFORMATION

General: Not classified for Transport.

14.1. UN number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not regulated.

14.4. Packing group: Not applicable.

14.5. Environmental hazards:

Environmentally hazardous substance/marine pollutant: No.

14.6. Special precautions for user: Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not relevant for a packaged product.

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".

Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".

15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

16. OTHER INFORMATION

Abbreviations and acronyms
used in the safety data sheet

PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
ATE: Acute Toxicity Estimate.
REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.
GHS: Globally Harmonized System.
Spec Conc Limits = Specific Concentration Limits.

Classification abbreviations
and acronyms

Acute Tox. = Acute toxicity
Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Eye Dam. = Serious eye damage
Eye Irrit. = Eye irritation
Met. Corr. = Corrosive to metals
Skin Corr. = Skin corrosion
Skin Irrit. = Skin irritation

Key literature references and
sources for data

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.

Classification procedures
according to SI 2019 No. 720
Revision comments

Calculation Method.
New Format Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 453/2010 & 1907/2006). - No change in Product Classification. (Changes made to sections 2,3,9,11,12,15+16)

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SDS status

The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.

Hazard statements in full

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H412 Harmful to aquatic life with long lasting effects.