

1. PRODUCT NAME: D102 Super Degreaser

PRODUCT CODE: D102

PRODUCT DESCRIPTION: Solvent degreaser

SUPPLIER: BIOSAFE SOLUTIONS LTD

9 SPIERSBRIDGE TERRACE

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2. HAZARD IDENTIFICATION.

Not classified as hazardous. Possible drying of skin on prolonged or repeated exposure.

3. COMPOSITION/INFORMATION AND INGREDIENTS

<u>Hazardous Ingredients:</u>	<u>CAS No:</u>	<u>%w/w(range):</u>	<u>Nature of Hazard:</u>
Alcohol eyhoxylate	68439-45-2	1-5	R22, R41
Cocamide DEA	8051-30-7	1-5	R38, R41

The full text or R phrases is shown in section 16

4. FIRST AID MEASURES

Eyes :Irrigate immediately with water for at least 10 minutes. Seek medical advice if irritation persists.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water and give a large glass of water to drink.

Obtain immediate medical attention.

Skin: Remove all contaminated clothing. Wash skin with plenty of water. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air. Keep at rest. Obtain medical advice.

5. FIRE FIGHTING MEASURES

Product is not classified as flammable but will burn in a fire. Keep containers cool with water spray. Extinguish fires with sand, earth, carbon dioxide or dry powder. Do not use water jet. Self contained breathing apparatus recommended.

6. ACCIDENTAL RELEASE MEASURES

Contain with sand, earth or inert material and remove to a disposal container. Provide good ventilation during containment. Disposal should comply with local regulations. Wash area with detergent and water. Small spillages may be flushed to drain.

7. HANDLING AND STORAGE

Avoid ingestion or inhalation of neat material. Product has a low vapour hazard but good ventilation should be provided in storage/work areas. Keep in original container, tightly closed in cool place. Solvent migration will occur in certain types of plastic container.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory: No established Occupational Exposure Standard. Suggest long term limit of 100ppm.

Skin/Hands: Overalls are sufficient in conjunction with latex or nitrile rubber gloves.

Eyes: Safety glasses if splashing likely.

Avoid working in spray mist

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear pale amber liquid

Initial boiling point: 144oC

Flash point: 68oC

emulsifiable

Vapour Pressure: <1 mm Hg (20oC)

Odour: Characteristic sweet

Relative Density: 0.95

Solubility in water: Partially miscible/

Evaporation rate:0.12 (butyl acetate = 1)

10.STABILITY AND REACTIVITY

Thermal decomposition results in carbon dioxide, carbon monoxide and unidentified organic compounds. Strong oxidising agents, acids and alkalis should be avoided. Auto-ignition is possible with fine spray mists of any combustible material.

11.TOXICOLOGICAL INFORMATION.

May cause drying of skin on prolonged or repeated exposure. Will cause eye irritation.
Low toxicity: LD50 (oral, rat) > 2.0g/kg body weight. LC50(inhalation):>5.4g/kg (rat/4hrs).
Ingestion of product or inhalation of spray mist may cause mild irritation of mouth and throat.
No identified chronic effects.

12.ECOLOGICAL INFORMATION

Product is not a marine pollutant as defined by IMO. It is completely biodegradable, is not implicated in ozone depletion or global warming and will not bioaccumulate.

13.DISPOSAL CONSIDERATIONS

Comply with local regulations for waste disposal. Contaminated earth or inert material may be incinerated at a permitted site. Rags, paper etc. contaminated with this product should be soaked with water prior to disposal. If flushed to drain, product may be regarded as trade effluent. Spent product could be suitable for fuel blending.

14.TRANSPORT INFORMATION

Not classified as hazardous for transportation purposes.

15.REGULATORY INFORMATION

Not classified as hazardous under CHIP REGULATIONS.

16.OTHER INFORMATION

This product is intended for use as an industrial degreaser/cleaning solvent. The responsibility remains with the user to ensure safe conditions of use in the workplace.

The full text of the risk phrases shown in section 3 appears below. These are the classifications of any hazardous raw materials, in their concentrated form, which contribute to the overall classification of the product.

R10: Flammable

R22: Harmful if swallowed

R38: Irritating to skin

R41: Risk of serious damage to eyes