



HEAVY DUTY DEGREASER MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: EPOCHEM HEAVY DUTY DEGREASER 502
Product Code EP502
Company Name EPOXY OILSERV. NIG LTD

Address 1: #18 Adeshina Street
Off Obafemi
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Recommended Use General purpose degreaser.

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2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE, DANGEROUS GOOD

Risk Phrase(s) R36/38 Irritating to eyes and skin.


**Safety
Phrase(s)**

S37/39 Wear suitable gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical
Characterization** Liquid

Ingredients	Name	CAS	Proportion
	Ethylene Glycol	111-76-2	1-10 %
	Monobutyl Ether		
	Ingredients determined		To 100%

4. FIRST AID MEASURES

Inhalation	Remove the source of the contamination and ventilate area or remove the victim to fresh air. If recovery is not rapid and the victim has difficulty in breathing, seek immediate medical assistance.
Ingestion	If swallowed, do not induce vomiting. Remove any material in the mouth. Give water and seek medical advice. If patient does vomit, give more water.
Skin	Remove contaminated clothing and wash affected areas with water until the soapy feeling disappears. If irritation persists, see a doctor.
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
First Aid Facilities	Potable water should be available to rinse eyes or skin.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards	Product does not burn, use an extinguisher type applicable to fire source. Exposure to high heat sources may cause decomposition of the product and the release of irritating fumes.
Hazchem Code	2X



6. ACCIDENTAL RELEASE MEASURES



Spills & Disposal Mop up (mop or sponge) or wash small spills to drain with excess water. Large spills should be contained and collected, or absorbed onto inert material (eg sand, earth or vermiculite) and placed in clean, labelled plastic or plastic lined containers for disposal. Wash area thoroughly with water and ensure surface is not slippery afterwards.

7. HANDLING AND STORAGE

Precautions for Safe Handling Always wash hands before smoking, eating, drinking or using the toilet. Avoid breathing vapour, spray or mists.

Conditions for Safe Storage Store in a cool, dry place away from direct heat and sunlight. Keep containers securely sealed and protected against physical damage. Store away from acids and oxidising agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL	STEL	TWA	TWA	Foot-Note
		(mgm ³)	(ppm)	(mgm ³)	(ppm)	
	Ethylene Glycol Monobutyl Ether			121	25	
	Sodium hydroxide			2		Peak limitation

Engineering Controls Ensure that adequate ventilation is provided, to meet exposure standards.

Personal Protective Equipment When handling the concentrated product wear a face shield, apron and chemical resistant gloves. In areas of poor ventilation consider the use of organic vapour respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid

Appearance Amber, slightly viscous liquid with a solvent odour.

Boiling Point Not measured

Solubility in Water Complete

Specific Gravity Approx. 1.06

PH Value (Concentrate): Approx 10.1
(Dilution 1%): Approx 9.8



Vapour Pressure Not measured

Evaporation Rate Same as water

Volatile Component Not measured

Flash Point Not measured

Flammability This product is non-flammable.

Flammable Limits -

Lower Not flammable

Flammable Limits -

Upper Not flammable

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal use conditions.

Hazardous Reactions Will react with strong alkali or caustic materials.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Sodium Hydroxide: LD50 (rabbit) 500 mg/kg.

Inhalation The vapour may be an irritant to the mucous membranes and respiratory tract.

Ingestion Irritating to the intestinal tract.

Skin Repeated or prolonged skin contact may lead to irritation.

Eye Will cause irritation. Prolonged exposure may cause permanent damage to the eye.

Chronic Effects No long-term exposure effects are known.

12. ECOLOGICAL INFORMATION

Eco-toxicity This product is expected to be harmful to the environment in high concentrations due to its alkalinity. Surfactant and solvents in this product



are not harmful to aquatic environment.

Persistence /

Degradability Surfactants and solvents in this product are readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Refer to Waste Management Authority in your state. Dispose of material through a licenced waste contractor.

Container Disposal Rinse out container with water and dispose with licensed recycler.

14. TRANSPORT INFORMATION

Transport Information Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7.

U.N. Number 1760

Proper Shipping Name

CORROSIVE LIQUID, N.O.S. - (CONTAINS SODIUM HYDROXIDE)

DG Class 8

Hazchem Code 2X

Packaging Method 3.8.8

Packing Group III

EPG Number 8A1

IERG Number 37

15. REGULATORY INFORMATION

Regulatory Information Hazardous according to criteria of Classified as a Harmful Substance,

Poisons Schedule S5

Hazard Category Irritant



Contact

Person/Point Port Harcourt

24 HOUR EMERGENCY CONTACT (EPOXY OILSERV.NIG LTD)

LAGOS

24 HOUR EMERGENCY CONTACT (EPOXY OILSER.NIG LTD) DISCLAIMER:



This Material Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.

As EPOXY OILSERV.NIG LTD cannot anticipate or control the conditions under which the

product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

**Revisions
Highlighted**

Updated information layout to comply with NOHSC 16 header format requirements.

End of MSDS

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