



Material Safety Data Sheet

Issue Date: 28th Oct 2022

ISSUED by Eazy-Gleam

HD4000 Heavy Duty Degreaser

Classified as hazardous according to criteria of GHS

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	HD4000 Heavy Duty Degreaser
Product Code	HD40005, HD400020, HD4000205
Company Name	Total Focus Chemicals (A.C.N. 655 918 755)
Address	36 Richland Ave, Coopers Plains, QLD 4108
Emergency Tel.	After hours only: 0477 447 999
Telephone/Fax Number	Tel: (07) 3274 2593 Fax: (07) 3277 2450
Email	sales@eazygleam.com.au
Recommended Use	Concentrated quick break, biodegradable water-based degreaser.
Other Information	The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Eazy-Gleam Pty Ltd does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

2. HAZARDS IDENTIFICATION

Hazard Classification	Classified as hazardous according to criteria of GHS Dangerous Goods according to the Australia Dangerous Goods Code Skin Corrosion: Category 1 Eye Corrosion: Category 1 Corrosive to Metals: Category 1
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Signal Word **DANGER**



Hazard Statements: Causes severe skin burns and eye damage
May be corrosive to metals

Precautionary Statements:

Prevention: Wash hands thoroughly after handling. Do not touch eyes.
Do not breathe fumes, mist, vapours or spray. Wear protective gloves, clothing & eye protection.
Keep only in original container.

Response: IF ON SKIN: Take off immediately contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before re-use.
IF SWALLOWED: Rinse mouth, DO NOT induce vomiting.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Seek emergency medical help immediately
Absorb spillage to prevent material damage.

Storage: Store locked up in a corrosive resistant container with resistant inner liner.

Disposal: Dispose of contents and containers as per local regulations



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Ethoxylated C12-C14 alcohol	68131-39-5	5 – 10%
	Sodium Hydroxide	1310-73-2	1 – 5%
	Sodium Metasilicate	10213-79-3	1 - 5%

4. FIRST AID MEASURES

Inhalation	Remove the victim from the source of exposure, if rapid recovery does not occur, seek immediate medical attention. If the victim is not breathing, apply artificial resuscitation.
Ingestion	Do NOT induce vomiting. Give water to drink. Seek immediate medical attention.
Skin	Remove contaminated clothing and launder before re-use. Wash affected skin with soap and water.
Eye	Hold the eyes open and flush with water for at least 15 minutes. Seek immediate medical attention.
First Aid Facilities	This Safety Data Sheet should be provided to the attending medical doctor. Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Fire Fighting Measures:

This product is not flammable under the normal conditions of storage and use and does not support combustion.

Suitable extinguishing media:

Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.

Hazards from Combustion Products:

This product is not flammable under the conditions of use and does not have a flash point or support combustion. However, it may liberate hydrogen gas on contact with reactive metals such as aluminum or zinc, thus creating a fire and explosion hazard. Potential sources of ignition should be excluded from the immediate area.

Special Protective Equipment for fire fighters:

Wear full protective clothing and self-contained breathing apparatus. Hazchem code 2R.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Personnel involved in cleaning up any spills are to wear suitable protective clothing, including PVC gloves and eye/face protection. Cordon off the spillage area. Isolate the source of the spillage or leak if possible without personal risk. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and the transfer to sealed plastic containers for disposal. Dispose of large amounts in a chemical dump according to local authority statutory requirements. If the facility has a means of pH control of trade waste, small amounts may be washed with a large excess of water to the treatment pit then to the drain as treated trade waste.

Environmental Precautions:

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers.

7. HANDLING AND STORAGE



Handling and Storage	Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for the mixture. However, for components Sodium Hydroxide: TWA (peak) 2mg/m ³
Engineering Controls	Ensure that the ventilation is adequate to maintain air concentrations below the relevant exposure standards quoted. If necessary, provide local exhaust ventilation. Keep containers closed when not in use.
Personal Protective Equipment	Wear PVC gloves, chemical goggles and/or a face shield, an acid resistant apron and enclosed footwear. Wear an acid resistant respirator to AS 1716 if spray mists are produced during use. It is recommended that a shirt with long sleeves and long trousers be worn. Always wash skin and clothing after using this product

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Reddish, brown watery liquid with pine fragrance
Boiling Point	Ca. 100°C
Solubility in Water	Complete
Specific Gravity	1.09 – 1.10g/ml @ 25°C
pH Value	>12
Evaporation Rate	As for water
Volatile Component	85.6%
Flash Point	This product will not flash and does not support combustion.
Flammability	This product is not flammable under the conditions of use and does not support combustion. However, it will liberate hydrogen gas on contact reactive metals such as aluminum and zinc, thus creating a fire and explosion hazard. Potential sources of ignition should be excluded from the immediate area.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and use.
Conditions to Avoid	Store below 30°C for an extended shelf life
Incompatible Materials	Strong oxidising agents, acids & reactive metals.
Hazardous Decomposition	Following the evaporation of all water from this product in a fire, this product may produce carbon monoxide as well as other unidentifiable organic compounds during combustion.

11. TOXICOLOGICAL INFORMATION

Inhalation	Spray mists are corrosive to the nose and respiratory tract. Exposure standard for Sodium Hydroxide 2 mg/m ³ , peak limitation. Source: SafeWork Australia
Ingestion	Corrosive to the mouth and digestive tract. May cause severe internal damage.
Skin	Corrosive to skin tissue. May cause chemical burns which are extremely painful. May cause permanent tissue damage.
Eye	Corrosive and may cause severe and permanent damage to the eyes.
Chronic Effects	No known chronic effects.



12. ECOLOGICAL INFORMATION

Short Summary of Assessment of Environmental Impact The components of this product are substances that are classified as 'readily biodegradable' according to Australian and international standards. None of the components of this product are expected to bioaccumulate. At normal use levels and following standard effluent treatment, this product is expected to exhibit low toxicity towards aquatic organisms. However, the undiluted material should be prevented from entering waterways.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Otherwise, dispose of large amounts according to local authority statutory requirements. For small amounts, wash the product to the drain with a large excess of water.

Container Disposal Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable.

14. TRANSPORT INFORMATION

Transport Information This product is classified as Dangerous according to the ADG.

UN number: 1824

Proper Shipping Name: CAUSTIC ALKALI LIQUID N.O.S (Sodium Hydroxide)

ADG Class: 8

Packing Group: III

HazChem: 2R

IMO Marine Pollutant None of the components of this product is considered by IMO to be a Marine Pollutant.

15. REGULATORY INFORMATION

Poisons chedule Schedule 5 Poison (Sodium Hydroxide)

AICS (Australia) To the manufacturer's best knowledge, all components of this product are listed on AICS.

16. OTHER INFORMATION

Contact Person/Point Technical Manager 0477 447 999

...End Of SDS...