



Safety Data Sheet

Prepared by Brenda Gilbert

Issue Date: February 2019

ISSUED by Eazy-Gleam Pty Ltd

Engine Degreaser H/Duty

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Engine Degreaser H/Duty

Product Code: RDPHDD5I, RDPHDD20I, RDPHDD200L

Product Use: Concentrated quick break, biodegradable water-based degreaser.

Details of Supplier/Manufacturer

Company:	Eazy-Gleam Pty Ltd
Address:	36 Richland Avenue, Coopers Plains QLD 4108
Phone:	(07) 3274 2593
Website:	https://eazygleam.com.au

Details of Distributor

Company:	Penske Commercial Vehicles
Address:	Unit 2 Interchange Industrial Park, 181 Viking Drive, WACOL QLD 4076
Phone:	(07) 3271 7777
Website:	https://www.penske.com

Emergency Telephone Numbers

Business Hours:	(07) 3271 7777
After Hours:	0419 714 909
Poisons Information:	Australia: 13 11 26 New Zealand: 0800 764 766

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. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Characterization

Liquid

Ingredients	Name	CAS	Proportion	Hazard	R Phrase
	Water	7732-18-5	60-100%		
	Dipropylene Glycol	34590-94-8	0-10%		
	Methyl Ether				
	Sodium Metasilicate	6834-92-0	>=5-10%	C	R34, R37
	Ingredients determined not to be hazardous		0-10%		
	Sodium hydroxide	1310-73-2	<2%	C	R35

3. HAZARDS IDENTIFICATION

Hazard Classification

Classified as hazardous according to criteria of NOHSC

HAZARDOUS SUBSTANCE

DANGEROUS GOODS.

Hazard classification according of the criteria of NOHSC

Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s)

Classified as hazardous according to criteria of NOHSC

R34 Causes burns

R36/38 Irritating to eyes and skin.

Safety Phrase(s)

S1/2 Keep locked up and out of reach of children

S13 Keep away from food, drink and animal feeding stuffs.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if this product is considered to be a skin or respiratory sensitizer.

Sensitization of Product

None of the components of this product is considered to be a skin or respiratory sensitizer.

Teratogenicity

None of the components of this product is considered to be a teratogen.

None of the components of this product is considered to be a teratogen.

4. FIRST AID MEASURES



Inhalation		
Rescuers should wear respiratory protection. Remove the victim from the source of exposure. If the victim is not breathing, apply Artificial resuscitation. For all but the most minor symptoms, seek medical attention.		
Ingestion		
Do NOT induce vomiting. Give water to drink. Seek 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		
A safety shower and an eye irrigation facility should be provided. This Material Safety Data Sheet should be provided to the attending medical doctor.		
Advice to Doctor		
Treat symptomatically, as for a strongly alkaline material.		
<hr/> <hr/>		
5. FIRE FIGHTING MEASURES		
<hr/> <hr/>		
This product is not flammable under the conditions of use and does not support combustion.		
Extinguishing Media		
Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.		
Specific Hazards		
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.		
Hazardous Combustion Products		
If this product is involved in a fire, the water contained in it may evaporate, leaving a residue which may combust. During combustion, the residue may product carbon monoxide as well at other unidentifiable organic compounds.		
Protective Equipment		
Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA)		
<hr/> <hr/>		
6. ACCIDENTAL RELEASE MEASURES		
<hr/> <hr/>		
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. 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.

7. HANDLING AND STORAGE

Store in plastic containers away from foodstuffs, oxidizing agents and acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	mg/m3 (STEL)	ppm (STEL)	mg/m3 (TWA)	ppm (TWA)	TWA Footnote
	Water	-	-	-	-	
	Dipropylene Glycol			308	50	'skin'
	Methyl Ether					
	Ingredients determined not to be hazardous					
	Sodium hydroxide			2		Peak Limitation

Other Exposure Information

A 'skin' notation means that this substance may also be readily absorbed through the skin, which may be through direct contact or from exposure to very high atmospheric concentrations of vapour. The TLV is obviously invalidated if such contact should occur.

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.

Eng. Controls

Ensure that the ventilation is adequate to maintain air concentrations below the relevant exposure standards quoted. If necessary, provide local exhaust ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	
Liquid	
Appearance	
Redish brown watery liquid with pine fragrance.	
Boiling Point	
100°C	
Solubility in Water	
Complete	



Specific Gravity (H₂O=1)		
1.093 @ 25C		
pH Value		
14		
Evaporation Rate		
As for Water		
Volatile Component		
85.6% w/w		
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.		
<hr/> <hr/>		
10. STABILITY AND REACTIVITY		
<hr/> <hr/>		
Stability		
Considered stable to heat and light. Store below 30°C for extended life. Keep out of direct sunlight.		
Hazardous Polymerization		
Will not occur.		
Materials to Avoid		
None known.		
Conditions to Avoid		
None known.		
Incompatible Materials		
Strong oxidizing agents, strong acids.		
Hazardous Decomposition Products		
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.		
Hazardous Polymerization		
Will not occur		
<hr/> <hr/>		
11. TOXICOLOGICAL INFORMATION		
<hr/> <hr/>		
Inhalation		
Spray mists are corrosive to the nose and respiratory tract. Exposure standard for Sodium Hydroxide 2 mg/m ³ , peak limitation.		



Source: NOHSC, ACGIH.		
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.		
Reproductive Toxicity		
None of the components of this product is considered to be harmful to the unborn fetus.		
Mutagenicity		
None of the components of this product is considered to be a mutagen.		
Carcinogenicity		
None of the components of this product is considered to be a carcinogen.		
12. ECOLOGICAL INFORMATION		
Short Summary of Assessment of Environmental Impact		
The surfactants contained in this product are readily biodegradable when tested using ISO and OECD methods. Bioaccumulation is unlikely to occur due to metabolism and excretion. The undiluted material should be prevented from entering waterways. If possible, the expended material should be drained to thesewer, as sewerage treatment will greatly reduce damage to water quality. Dilution of the product with the large excesses of water present and the relatively rapid biodegradation of the organic components should ensure minimal Eco toxicity.		
13. DISPOSAL CONSIDERATIONS		
Product 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 pH treatment pit and then to the drain as treated trade waste.		
Container Disposal		
Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable.		
14. TRANSPORT INFORMATION		
For road and rail transport within Australia, transport according to the ACTDG.		
For road and rail transport within New Zealand, transport according to NZS 5433.		
For maritime transport, transport according to the IMDG Code.		
U.N. Number		



1824		
Proper Shipping Name		
CAUSTIC ALKALI LIQUID, N.O.S. – (CONTAINS SODIUM HYDROXIDE)		
DG Class		
8		
Hazchem Code		
2R		
Packing Group		
III		
IMO Marine Pollutant		
Based on the composition of this product, it is not regarded by IMO to be a Marine Pollutant.		
15. REGULATORY INFORMATION		
Poisons Schedule		
S5		
Hazard Category		
Corrosive		
AICS (Australia)		
To the manufacturer's best knowledge, all of the components of this product are listed on AICS.		
16. OTHER INFORMATION		
Date of Preparation		5 February 2019
Revision number		4
Changes in this Revision		NZ Compliance added
Contact Person/Point	Technical Manager 0419 714 909	
...End of MSDS...		