

Product Name MULTI PURPOSE DEGREASER**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Supplier Name CLEAN PLUS CHEMICALS PTY LTD
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Synonym(s) NOT APPLICABLE • PRODUCT CODE - 390
Use(s) MULTI PURPOSE CLEANER AND DEGREASER FOR USE ON FLOORS, STOVES AND TILES.
SDS Date 23 February 2010 v1
4 July 2012 v2

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC/ASCC CRITERIA

RISK PHRASES

R35 Causes severe burns

SAFETY PHRASES

S1/2 Keep locked up and out of reach of children
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 an accident or if you feel unwell, seek medical advice (show the label whenever possible)

CLASSIFIED AS A DANGEROUS GOODSS BY THE CRITERIA OF THE ADG CODE

UN No. 1719	DG Class 8	Subsidiary Risk(s) None Allocated
Packing Group III	Hazchem Code 2R	EPG 8A1

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
SODIUM HYDROXIDE	Na-OH	1310-73-2	1-10%
SODIUM METASILICATE ANHYDROUS	Na2-Si-O3	6834-92-0	1-10%
ETHYLENE GLYCOL MONOBUTYL ETHER	C6-H14-O2	111-76-2	10-30%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder

4. FIRST AID MEASURES

Eye	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.
Advice to Doctor	Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability	Non flammable. May evolve toxic gases when heated to decomposition.
Fire and Explosion	Non flammable. Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind & notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers & nearby storage areas.
Extinguishing	Non flammable. Prevent contamination of drains or waterways.
Hazchem Code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage	If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution; surfaces may be slippery.
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7. STORAGE AND HANDLING

Storage	Store in cool, dry, well ventilated area, removed from strong oxidising agents, heat sources and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.
Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe GOODS personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds

Ingredient	Reference	TWA		STEL	
Sodium Hydroxide	ASCC(AUS)	-	2.0mg/m ³	-	-
EGBE	ASCC(SUS)	20.0ppm	96.9mg/m ³	50.0ppm	242mg/m ³

Biological Limits No biological limit allocated.

Engineering Controls Ensure adequate natural ventilation

PPE Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR PINK LIQUID	Solubility (Water)	SOLUBLE
Odour	SLIGHT ODOUR	Specific Gravity	1.04 – 1.06
Ph	13.0 – 14.0	Volatiles	> 60 % (Water)
Vapour Pressure	NOT RELEVANT	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	100°C (Approximately)	Upper Explosion Limit	NOT RELEVANT
Melting Point	< 0°C	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	AS FOR WATER		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to Avoid	Incompatible with oxidising agents (eg.hypochlorites, peroxides), acids, metals, heat and ignition sources.
Decomposition	May evolve toxic gases when heated to decomposition.
Hazardous Reactions	Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard	Corrosive –This product has the potential to cause acute and chronic health effects with over exposure. Use of safe work practices to avoid eye or skin contact and vapour inhalation. Over exposure at high levels may result in corrosive tissue damage. Upon dilution with water, the potential for serious corrosive effects may be reduced.
Eye	Corrosive - Irritant. Contact may result in irritation, lacrimation, pain, redness and possible permanent damage.
Inhalation	Slightly corrosive - Irritant. Over exposure to vapours/mists may result in respiratory irritation, nausea, and headache.
Skin	Corrosive – Severe Irritant. Prolonged or repeated contact may result in mild irritation.
Ingestion	Corrosive. Ingestion may result in ulceration and burns to the mouth and throat, nausea, vomiting, abdominal pain and diarrhoea.
Toxicity Data	<p>ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)</p> <p>LC50(Inhalation):700ppm(mouse) LD50(ingestion):300mg/kg(rabbit) LD50(skin):230mg/kg(guinea pig) TCLo(Inhalation):100ppm(human) TDLo(Ingestion):7813uL/kg(woman)</p> <p>SODIUM METASLICATE ANHYDROUS (6834-92-0)</p> <p>LD50(Ingestion): 779 mg/kg (mouse) LDLo50(Ingestion): 200 mg/kg (dog) LDLo50(Intraperitoneal): 117 mg/kg (guinea pig) LDLo50(Ingestion): 15g/kg (rat)</p>

12. ECOLOGICAL INFORMATION

Environment WATER: If released to waterways, alkaline products may change the pH of the waterway. Fish will die if the pH reaches 10-11 (goldfish 10.9, bluegill 10.5) SOIL: May leach to groundwater with toxic effects on aquatic life as above. ATMOSPHERE: Not expected to reside in the atmosphere. Drops or particles released to atmosphere should be removed by gravity and/or be rained out.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Neutralise with dilute acid (e.g. 3mol/L Hydrochloric acid) or similar. For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

Shipping Name CAUSTIC ALKALI LIQUID, N.O.S.

UN No.	1719	DG Class	8	Subsidiary Risk(s)	None Allocated
Packing Group	III	Hazchem Code	2R	EPG	8A1

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number 6 (S6) has been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information**ABBREVIATIONS:**

ADB - Air-Dry Basis.
BEI - Biological Exposure Indices(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European Inventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would

encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Report Status

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

End of Report**Prepared By**

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