



Material Safety Data Sheet

GREASOLV

1. Identification of the material and supplier

PRODUCT NAME:	GREASOLV
OTHER NAMES	
RECOMMENDED USE	Solvent Degreaser
COMPANY:	Cleveland Cleaning Supplies Pty Limited ABN: 61 001 175 748
ADDRESS:	23 Forrester Street Kingsgrove NSW 2208 P.O. BOX 320 Kingsgrove NSW 1480 Australia
BUSINESS TELEPHONE:	+612 9503 0100 1300 760 765 (Australia wide)
BUSINESS HOURS ONLY:	7:30 AM – 5:00 PM (E.S.T.)
FAX:	+612 9503 0199
EMAIL:	sales@cleveland.com.au
WEBSITE:	www.cleveland.com.au
EMERGENCY TELEPHONE:	000
POISONS INFORMATION CENTRE PHONE:	13 11 26 (24 hrs)
FOR EMERGENCY RESPONSE:	000

2. Hazards identification

DANGEROUS GOODS	Classified as HAZARDOUS according to the criteria of NOHSC, ASCC HARMFUL
RISK PHASES	R11 Highly Flammable R20/40 Harmful : Danger of serious damage to health by prolonged exposure through inhalation. R65 Harmful : may cause lung damage if swallowed. R36/37/38 Irritating to eyes, respiratory system and skin. R66 Repeated exposure may cause skin dryness and cracking. R67 Vapours may cause drowsiness and dizziness.
SAFETY PHASES	S16 Keep away from sources of ignition - No smoking. S29 Do not empty into drains. S51 Use only in well ventilated areas. S33 Take precautionary measures against static discharges. S23 Do not breathe vapour. S24 Avoid contact with skin. S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

3. Composition/ information on ingredients

<u>NAME</u>	<u>CAS</u>	<u>PROPORTION</u>
Kerosene	64742-47-8	>60%
Other ingredients determined to be non-hazardous according to NOHSC, ASCC To 100%		

4. First Aid measures

SWALLOWED	Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. If swallowed DO NOT induce vomiting. For advice contact a Poisons information Centre Phone Australia 13 1126 or a doctor.
EYE	If in eyes, hold eyelids apart and flush eyes continuously with running water. Continue flushing until advised to stop by the poisons Information Centre or a doctor, or for at least 15 minutes. Obtain medical attention immediately.
SKIN	If skin or hair contact occurs, remove contaminated clothing, shoes and leather goods. As quickly as possible, flush contaminated area with lukewarm, gently running water.



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INHALED	If symptoms are experienced, such as cough, dry throat, difficulty in breathing, nasal congestion and headaches or dizziness remove source of contamination or move victim to fresh air.
FIRST AID FACILITIES	Ensure eyewash and safety shower facilities are available in workplace.
Advice to Doctor	Treat symptomatically based on individual reactions of patient and judgement of doctor.

Additional information / Aggravated medical conditions

No Data

5. Fire fighting measures

Suitable extinguishing media

Use carbon dioxide, dry chemical, and foam.
If safe to do so, move undamaged containers from fire area – Do not approach hot containers
Cool containers with water before handling
If impossible to extinguish fire, protect surroundings, withdraw from area and allow fire to burn.

Special protective precautions and equipment for fire fighters

If large amounts are involved wear SCBA and chemical splash suit.

HAZCHEM CODE 3[Y]

6. Accidental release measures

Wear appropriate personal protective equipment and clothing to avoid exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert non-combustible absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. Handling and storage

PRECAUTIONS FOR SAFE HANDLING

Open containers cautiously as contents may be under pressure. Use only in a well ventilated area. DO NOT store or use in confined spaces. Keep tank covered and containers sealed when not in use. Build up of mists or vapours in the atmosphere must be prevented. Avoid inhalation of vapour and mists, skin or eye contact. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Wear appropriate protection. It is essential that all who come into contact with this material maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

STORAGE REQUIREMENTS

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, organic peroxides, acids, combustible materials, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Always keep in containers made of the same material as the supply container. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.



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8. Exposure controls / Personal protection

NATIONAL EXPOSURE STANDARDS

No exposure standards have been established for this material. Exposure standards recommended by Worksafe Australia for some ingredients are as follows:

	TWA (TIME WEIGHED AVERAGE)	
	mg/m ³	ppm
Kerosene	350 mg/m ³	70

ENGINEERING CONTROLS Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required.

PERSONAL PROTECTION

RESPIRATOR TYPE Where ventilation is not adequate, respiratory protection may be required. Respiratory protection should comply with AS/NZS 1715.

EYE PROTECTION Safety glasses or chemical goggles. Failure to do so may result in eye damage if an accident occurs.

GLOVE TYPE Chemical resistant gloves provide adequate protection.
CLOTHING Wear protective plastic or PVC apron to prevent contact with clothing.

Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. Physical and chemical properties

APPEARANCE	clear faint amber mobile liquid	
ODOUR	solvent odour	
PH	not applicable	
VAPOUR PRESSURE	0.78kPa mm Hg (1 atmosphere)	
VAPOUR DENSITY	4.0 at 15°C (Air=1)	
BOILING POINT	78°C (for liquid concentrate)	
BOILINGRANGE	not applicable	
MELTING POINT	not known	
SOLUBILITY IN WATER	emulsifies	
SPECIFIC GRAVITY	0.82 (for liquid concentrate)	water = 1.000
FLASH POINT	>38°C (Abel closed cup)	
FLAMMABILITY LIMITS	lower 0.9%	Upper 5.5%

10. Stability and reactivity

CHEMICAL STABILITY Stable under normal conditions of storage and handling.

CONDITIONS TO AVOID Heat, direct sunlight, open flames or other sources of ignition.

INCOMPATIBLE MATERIALS Incompatible with Halogens, Molten Sulphur, Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide. Hazardous polymerization will not occur.

11. Toxicological information

Health effects from acute exposure

SWALLOWED Unlikely to occur during normal use. May cause irritation of the gastrointestinal system. Symptoms may include abdominal pain, nausea, vomiting and diarrhoea. May also cause euphoria, irritability, loss of appetite, sleeplessness, stupor, convulsions, headache dizziness, fatigue, vertigo, loss of consciousness and possible death. Aspiration into lungs may cause pneumonia.

EYE May be irritating to eyes. On eye contact this product may cause tearing, stinging, blurred vision, and redness.



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INHALED May cause irritation to the respiratory tract and mucous membranes. Inhalation of the vapour may result in headache, nausea and vomiting. High concentrations may cause central nervous system symptoms similar to 'swallowed' above.

SKIN May cause redness, itching and irritation

Health effects from chronic exposure

Prolonged or repeated contact may cause dermatitis. Long term exposure by swallowing or repeated inhalation may cause degenerative changes in the liver, kidney, gastrointestinal tract and heart muscle.

Toxicology Information

No toxicological information available for this product.

12. Ecological information

Ecotoxicity: No Data

Persistence and degradability: Not available

Bioaccumulative potential: Not available

13. Disposal considerations

Disposal: Review federal, state and local government requirements prior to disposal.

14. Transport information

UN CLASS 1993
PROPER SHIPPING NAME FLAMMABLE LIQUID, N.O.S.
DG CLASS 3
SUBSIDARY RISK none allocated
PACKAGING GROUP III
RECOMMENDED USE Solvent Degreaser

15 Regulatory information

POISONS SCHEDULE 5

16. Other information

Cleveland Cleaning Supplies Pty Limited, ABN: 61 001 175 748
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END OF REPORT
