

MATERIAL SAFETY DATA SHEET

GREASE RELEASE™

Date of Issue: 10 July 2008

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **GREASE RELEASE™**

Other Names: None

Product Code: None

Recommended Use: For grease removal from drains

Supplier: Drainchem Pty Ltd

ABN: 50 645 068 573

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2. HAZARDS IDENTIFICATION

Hazard Classification: **NON HAZARDOUS SUBSTANCE**
NON DANGEROUS GOOD

Risk Phrases: None required

Safety Phrases: None required

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Isopropanol	67-63-0	Low
A proprietary blend of alkyl sulfates, alkyl aryl sulfonates, alkyl aryl ethoxylates, fatty acid ethanolamides, glycols and isopropanol	-	VHigh
		Total = 100%

VHigh > 60%, High 30-60%, Med 10-29%, Low < 10% (w/w)

MATERIAL SAFETY DATA SHEET

GREASE RELEASE™

Date of Issue: 10 July 2008

4. FIRST AID MEASURES

Ingestion:	Seek immediate medical assistance.
Eye Contact:	Flush with plenty of water for at least 15 minutes. Eyelids to be held open. If eye irritation persists, seek medical assistance.
Skin Contact:	Flush with plenty of water. Remove contaminated clothing and was before re-use.
Inhalation:	Move person to fresh air or very well ventilated area. IF any problems persist, seek medical assistance.
First Aid Facilities:	Provide washing facilities, such as eye wash station and emergency shower, in the workplace.
Medical Attention:	Treat symptomatically.
Aggravated Medical Conditions Caused by Exposure:	None known.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Water fog or spray, dry agent (carbon dioxide, dry chemical powder).
Hazards from Combustion Products:	None. Non combustible material.
Special Protective Precautions and Equipment for Fire Fighters:	None.
Hazchem Code:	None allocated

MATERIAL SAFETY DATA SHEET

GREASE RELEASE™

Date of Issue: 10 July 2008

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Spills are slippery. Use care to prevent falling.

Methods and Materials for Containment and Clean Up Procedures: Contain with absorbent (soil, sand or other inert material). Prevent contamination of drains and waterways. Dispose of in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep out of reach of children. Use good industrial practice with regard to housekeeping and personal hygiene. Avoid prolonged and repeated skin contact and chances of splashing in eyes.

Conditions for Safe Storage, including any Incompatibilities: Avoid storage at high temperatures. Keep containers closed at all times - check regularly for spills.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards: For isopropanol (ACGIH):
400 ppm (983 mg/m³) TWA
500 ppm (1,230 mg/m³) STEL

Biological Limit Values: No biological limit allocated.

Engineering Controls: Use in well ventilated area. Keep containers closed when not in use.

Personal Protective Equipment (PPE): GOGGLES, GLOVES. Avoid skin and eye contact. Respiratory protection not required in well-ventilated areas.

MATERIAL SAFETY DATA SHEET

GREASE RELEASE™

Date of Issue: 10 July 2008

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow liquid
Odour:	Mild odour
pH:	9.79 (5% solution)
Vapour Pressure:	33 mm Hg at 20 ⁰ C (estimated)
Vapour Density:	2.1 (estimated)
Boiling Point:	> 100 ⁰ C
Melting Point:	Not available
Solubility:	Complete in water
Specific Gravity:	1.053 @ 20 ⁰ C
Flash Point:	130 ⁰ C (PMCC)
Flammability (explosive) Limits:	Not available
Auto-Ignition Temperature:	Not available
Octanol/Water Partition Coefficient:	Not available
Evaporation Rate:	1.7 (water = 1) (estimated)
Viscosity:	Not available
Decomposition Temperature:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Excess heat
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	None
Hazardous Reactions:	Hazardous polymerisation will not occur

MATERIAL SAFETY DATA SHEET

GREASE RELEASE™

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11. TOXICOLOGICAL INFORMATION

Ingestion:	Ingestion of large quantities of vapour may cause flushing, headache, dizziness, nausea, vomiting.
Eye Contact:	Contact can cause severe irritation, redness, blurred vision. Extended contact can cause eye damage.
Skin Contact:	No effect of exposure expected due to contact. Mildly irritating. May possibly cause irritation or dermatitis in some individuals upon prolonged contact.
Inhalation:	Inhalation of large quantities of vapour may cause flushing, headache, dizziness, nausea, vomiting.
Long Term Effects:	No information available.
Acute / Chronic Animal Toxicity Data:	No toxicity data available for the product. Not a pesticide or herbicide.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available. Not a pesticide or herbicide.
Persistence and Degradability:	No data available.
Mobility:	No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:	Dispose of in accordance with local, state and federal regulations.
Special Precautions for Landfill or Incineration:	None.

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GREASE RELEASE™

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14. TRANSPORT INFORMATION

UN Number:	Not classified as “dangerous goods” for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
UN Proper Shipping Name:	Not applicable
Class and Subsidiary Risk:	Not applicable
Packing Group:	Not applicable
Special Precautions for User:	None
Hazchem Code:	Not applicable
Material For Export:	<i>Marine Transport</i> - not classified as dangerous goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea <i>Air Transport</i> - not classified as dangerous goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air

15. REGULATORY INFORMATION

SUSDP:	Not scheduled.
APVMA:	Does not require registration according to the Agricultural and Veterinary Chemicals Act 1988.
International Regulatory Information:	No information available.

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GREASE RELEASE™

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16. OTHER INFORMATION

Date of Preparation or 10 July 2008

Revision:

Reason for Revision: Conversion to 16 header format

Data Sources: Prepared by Drainchem Pty Ltd

Contact within Australia: Phone: (03) 5448 4355

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MSDS's are updated frequently. Please ensure you have a current copy.

Abbreviations and Acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists

APVMA: Australian Pesticides and Veterinary Medicines Authority

NOHSC: National Occupational Health & Safety Commission

PMCC: Pensky-Martens Closed Cup

STEL: Short Term Exposure Limit

SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons

TWA: Time Weighted Average

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since RSP Environmental Services cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

END OF MSDS