

MATERIAL SAFETY DATA SHEET

Product name – GREASE AND ODOUR CONTROL

Trade Name:

UN Number: 1591

Class: 6.1(b)

Subsidiary Risk:

Packing Group: III

Poison Schedule: S6

Hazchem Code: 2Z

CAS No.:

PRODUCT IDENTIFICATION

Distributor: Minehan Agencies

Emergency Phone No.: 0408 777 800

Telephone: (07) 4774 4626

Address: 29 Camuglia Street Garbutt Townsville 4814 Queensland Australia

Email: inquiry@minehanagencies.com.au

INGREDIENTS

MATERIAL/COMPONENT	g/L	CAS NUMBER
o-Dichlorobenzene	650	95-50-1
Liquid Hydrocarbons	250	8052-41-3
Emulsifiers	>10%	

PHYSICAL PROPERTIES

Boiling Point (°C):	105	Volatiles (%vol):	100
Melting Point (°C)	<0	Vap Press (kPa):	(ODCB) 1.2mmHg@20°C
Specific Gravity:	1.07	Vap Density (air):	(OBDB) 5.1
Sol in Water (g/L):	Emulsion formed	pH:	N/A
Evaporation Rate (nButyl Acetate=1):	N/A		
Appearance:	Clear brown to green liquid		

FIRE AND EXPLOSION DATA

Flash Point:	(OBCD) 71°C (Hydrocarbon) >65°C		
Method:	Tag closed cup		
Flammability Limits in Air (% Volume):	Lower: (ODCB) 2.2% (Hydrocarbon) 1	Upper: (ODCB) 9.2% (Hydrocarbon) 5	
Fire Extinguishing:	Water fog, foam, alcohol foam, CO ₂ , Dry chemical media		
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus		
Unusual Fire and Explosion Hazards:	Releases hydrogenchloride and chlorine		

HEALTH HAZARD DATA

Oral LD50:	RAT(ODCB) 500mg/KG inhalation LD50
Dermal LD50:	
Toxic Dose/Concn:	
OHSA & ACHIH TLV	50ppm

Health Effects

Swallowed:	Moderate to low single dose oral toxicity. Guinea pig LD50 = 800 to 2000mg/KG. Repeated dose toxicity – moderate. No effect level for rats in range 18.8 to 188mg/KG/DAY.
Eyes:	Some pain, slight irritation, no corneal injury likely.
Skin:	Single short exposure – no significant irritation; may cause burning sensation. Prolonged or repeated exposure – moderate irritation.
Inhalation:	May cause drunkenness. Anaesthetic or narcotic effect many occur. May cause moderate irritation.
Acute:	Irritation of eyes and respiratory tract, CNS depression, possible liver or kidney damage.
Chronic:	Animal studies indicate liver and kidney are target organs with overexposure.

Emergency and First Aid Procedures

Eyes:	Hold eyes open and flush with water for at least 15 minutes. Seek medical attention promptly.
Skin:	Remove contaminated clothing, wash thoroughly with soap and water. See a doctor. Wash clothing before reuse. Destroy contaminated shoes.
Inhalation:	Remove to fresh air if effects occur. Avoid becoming a victim. Call doctor. Give artificial respiration.
Swallowed:	Do not induce vomiting. Give a glass of water. Contact a doctor or Poisons Information Centre.

Advice to Doctor

Eyes:	Moderate irritation – stain for evidence of injury.
Skin:	May cause moderate irritation. May be absorbed in acutely toxic amounts. Treat as contact dermatitis.
Respiratory:	Bronchodilators, expectorants and antitussives may be of help. Good warning properties.
Oral:	Moderately toxic. May cause chemical pneumonia if aspirated into lungs. Danger of chemical pneumonia must be weighed against toxicity when considering emptying the stomach. If lavage is performed suggest endotracheal and/or esophagoscopy control.
Systemic:	Animal studies indicate liver and kidney are target organs with overexposure. Consult standard literature. No specific antidote. Treatment based on sound judgement of physician and individual reaction of patient.

REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	
Incompatibilities:	Aluminium and aluminium alloys
Hazardous Decomposition Products:	Hydrogen chloride and chlorine

SPILL OR LEAK PROCEDURES

Steps in Case of Spill or Leak:	Contain spill with sand or earth. Pump into containers. Cover residue and small spills with absorbent material and scoop into drums. Dispose of according to Government Regulations.
Waste Disposal:	Burn according to local, state and federal regulations.

SPECIAL PROTECTION INFORMATION

Ventilation: Recommend control of vapours to suggested guide.
Personal Protection: NIOSH approved respiratory protection required in absence of proper environmental control. For emergencies, a self-contained breathing apparatus or a full face respirator as approved by NIOSH is recommended. Clean body covering clothing. Rubber or butyl gloves and safety glasses or goggles if contact is excessive.

SPECIAL PRECAUTIONS

Handling and Storage: Australian Code for Transport of Dangerous Goods. Avoid skin and eye contact and inhalation of vapours.
Other:

CONTACT POINTS

POISONS INFORMATION CENTRE

– Brisbane 3253 8233
– Outside Brisbane 008 177 333

MINEHAN AGENCIES
ABN 21 010 895 100
29 CAMUGLIA STREET
GARbutt TOWNSVILLE QLD 4814
PHONE: (07) 4774 4626
FAX: (07) 4774 4616
EMAIL: inquiry@minehanagencies.com.au

Emergency Contact:
DENNIS MINEHAN
0408 777 800

NOTES

The information contained in this data sheet is believed to be accurate, to the best of Minehan Agencies knowledge. It is meant to describe safety requirements of our products and should not be construed as guaranteeing specific properties.

The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness.

Minehan Agencies accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers.

Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.