

Infosafe No™ VAR90 Issue Date : September 2016 ISSUED by HUNTERST
Product Name **DEGREASER 54**

1. Identification

GHS Product Identifier DEGREASER 54

Company Name Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY
TAS 7248 Australia

Telephone/Fax Number Tel: 03 6331 4755
Fax: 03 6334 1065

Emergency phone number 0407 610 542

Recommended use of the chemical and restrictions on use For the removal of oil and grease from floors and walls of industrial plants and garages. Use as directed on the product label.

2. Hazard Identification

GHS classification of the substance/mixture Aspiration Hazard: Category 1
Flammable Liquids: Category 3
Hazardous to the Aquatic Environment - Acute Hazard: Category 2
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2

Signal Word (s) DANGER

Hazard Statement (s) H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Flame, Health hazard, Environment



Precautionary statement – Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharge.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P331 Do NOT induce vomiting.
P370+P378 In case of fire: Use for extinction.
P391 Collect spillage.

Precautionary statement – Storage P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Kerosene	8008-20-6	60-100 %
	Non hazardous surfactants	Mixture	<10%

4. First-aid measures

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Inhalation	Remove from exposure, rest and keep warm. In severe cases, obtain medical attention. Apply artificial respiration if not breathing.
Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water to be taken slowly.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use.
Eye contact	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Product is kerosene containing a low proportion of a surfactant. If swallowed, vomiting should not have been induced because of risk of aspiration of froth into the lungs. May be irritating to skin and eyes. Contact Poisons Information Centre.

5. Fire-fighting measures

Suitable extinguishing media	Foam or dry agent.
Hazards from Combustion Products	Oxides of carbon, oxides of nitrogen, oxides of sulphur.
Specific Methods	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition. If safe to do so, remove containers from path of fire.
Specific hazards arising from the chemical	Flammable liquid, flash point 40 °C. Vapour/air mixture may be flammable. Vapour heavier than air, risk of remote ignition. Spray/mist will be more flammable than the liquid. Contact with strong oxidising agents may cause fire.
Hazchem Code	3[Y]

6. Accidental release measures

Emergency Procedures	Contain. Shut off all sources of ignition. Increase ventilation.
Spills & Disposal	For large spills: Contain spillages with sand or earth. Transfer both liquid and solids to suitable closed container(s). Treat residues as for small spills. For small spills: Absorb on inert absorbent and transfer to suitable closed container. Wash site of spillage thoroughly with water and detergent. Ventilate area to dispel any residual vapours.

7. Handling and storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing vapours. Keep away from naked flames and other sources of ignition.
Conditions for safe storage, including any incompatibilities	Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bonded flammables store. Store in original container. Keep container tightly closed. Keep away from naked flames and other sources of ignition. No smoking. Prevent vapours from collecting in enclosed or low-lying places. Take precautions against static discharge. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

8. Exposure controls/personal protection

Other Exposure Information	For solvent no ACGIH TLV. Manufacturer recommends OEL 100ppm/8hr day.
Appropriate engineering controls	Use flame proof equipment. Ensure adequate ventilation. If handling in enclosed spaces, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible. Mechanical ventilation will be necessary if applying by air gun.

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Personal Protective Equipment Avoid contact with the skin and eyes. Avoid breathing the vapour or spray/mist. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
 Normal Use:
 Eye/face protection
 Gloves, rubber or plastic.
 Industrial Quantities:
 Face shield or safety glasses
 Gloves, rubber or plastic
 Plastic apron, sleeves and boots
 Impervious overalls.
 Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Liquid
Appearance	Dark coloured mobile liquid.
Odour	Characteristic smell of kerosene.
Boiling Point	150 - 280 °C
Solubility in Water	Dispersable in water.
Specific Gravity	0.8
pH	5 - 7
Vapour Pressure	<0.26 kPa @ 20 °C [kerosene]
Vapour Density (Air=1)	4.5 (Air = 1) [kerosene]
Flash Point	40 °C (Abel closed cup) [kerosene]
Flammability	Flammable liquid, flash point 480 °C. Vapour/air mixture may be flammable. Vapour heavier than air, risk of remote ignition. Spray/mist will be more flammable than the liquid.
Auto-Ignition Temperature	210 °C [kerosene]
Other Information	Liquid hydrocarbons containing a surfactant. Flammable. Contact with oxidising agents may cause fire. Slippery when spilled.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Incompatible materials, heat, sources of ignition.
Incompatible Materials	Oxidising agents, mineral acids, caustic alkalis.
Hazardous Decomposition Products	Oxides of nitrogen, oxides of sulphur. Incomplete combustion may generate carbon monoxide.
Possibility of hazardous reactions	Contact with strong oxidising agents may cause fire. Do not mix with bleaches or other cleaning solutions.

11. Toxicological Information

Acute Toxicity - Oral	LD50: Kerosene 15,000 mg/kg oral, rat. 2,835 mg/kg oral, rabbit. LDLo: Kerosene 500 mg/kg oral, man.
Ingestion	TCLo: Kerosene 5.7 mg/kg oral, man - nausea, vomiting, cough, other changes to lungs, thorax or respiration. Likely to cause gastric upset, nausea, vomiting and diarrhoea. Other effects may include coughing, hallucinations, distorted perceptions, fever, general depressed activity and abdominal pain. An aspiration risk.

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Inhalation	Vapours may be irritating to the respiratory system. Other symptoms may include dizziness, headache, confusion, coughing, shortness of breath, a burning pain in the chest, weakness, restlessness, incoordination, drowsiness and coma. Aspiration of froth into the lungs during swallowing or vomiting can cause serious pneumonitis (irritation and inflammation of lung tissues) and possible lung injury. As little as one gram of kerosene froth drawn into the lungs has been fatal in humans.
Skin	Irritating to skin. Will have a degreasing effect on the skin. May cause redness, dry skin, roughness, itching, dermatitis, pain and other symptoms similar to when inhaled. May be absorbed directly through intact skin, and through damaged or abraded skin in harmful amounts.
Eye	Severe irritant. May cause redness and pain. Both liquid and vapours are irritating to the eyes.
Chronic Effects	Repeated skin contact may lead to irritation and irritant contact dermatitis. Repeated exposure to kerosene may lead to liver, kidney and spleen damage, and may cause blood abnormalities e.g. anaemia.

12. Ecological information

Ecotoxicity	Harmful to aquatic organisms.
Persistence and degradability	The surfactant used in this product is considered to be readily biodegradable according to AS 1792.
Mobility	Readily transported by running water.
Other Adverse Effects	Contains liquid hydrocarbons. May produce an oil film on the surface of natural waters. Contains surfactant. Local concentrations may be harmful to aquatic organisms, including fish.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Refer to Land Waste Management Authority in your State.
Product Disposal	High temperature incineration. Avoid disposal to sewer, natural waters or the environment.
Special precautions for landfill or incineration	Scrubbers for incineration exhaust. Unsuitable for landfill.

14. Transport information

Transport Information	Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.
U.N. Number	1223
UN proper shipping name	KEROSENE
Transport hazard class(es)	3
Hazchem Code	3[Y]
Packing Group	III
EPG Number	3A1
IERG Number	15

15. Regulatory information

Poisons Schedule	S5
AICS (Australia)	All components listed.

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16. Other Information

Signature of Preparer/Data Service Technical Manager 0407 610 54

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 54 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information This SDS 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. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
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