

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name: MOTORKOTE SLUDGE REMOVER**

**Recommended Use of the Chemical and Restriction on Use:**

Cleans internal engine parts. Repeated use helps breakdown and loosen sludge build-up.

**Details of Manufacturer or Importer:**

Verditure Trading Co. Pty Ltd  
52 Henderson Street  
Camp Hill QLD 4152

**Phone Number:** 07 3395 4705

**Emergency telephone number:** 1300 138 300

## 2 . HAZARDS IDENTIFICATION

**Hazardous Nature:**



GHS08 health hazard

Carc. 1B H350 May cause cancer.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

STOT SE 3 H335 May cause respiratory irritation.

H227 Combustible liquid.

**Label Elements**

**Signal Word** Danger

**Hazard Statements**

H227 Combustible liquid.

H350 May cause cancer.

H335 May cause respiratory irritation.

H304 May be fatal if swallowed and enters airways.

**Precautionary Statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P271 Use only outdoors or in a well-ventilated area.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.

P405 Store locked up.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Store in a well-ventilated place. Keep cool.

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P501 Dispose of contents/container in accordance with local/regional/national regulations.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic ☠ Carc. 1B, H350	35-45%
64742-58-1	Lubricating oils, petroleum, hydrotreated spent 🔥 Eye Irrit. 2A, H319; STOT SE 3, H335	10-40%

### 4. FIRST AID MEASURES

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, give large amounts of water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Information for Doctor****Symptoms Caused by Exposure:**

Inhalation: Irritation of nose, throat and respiratory tract.

Skin contact: Redness, dryness and irritation.

Eye contact: Redness, stinging and irritation.

Ingestion: Nausea, vomiting, dizziness, headache and blurred vision.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

Regular foam, carbon dioxide and dry chemical. Do not use a direct stream of water on burning liquid; product will float and can be reignited on surface of water.

**Specific Hazards Arising from the Chemical:**

Closed containers may explode when exposed to extreme heat. Use water spray to cool fire exposed containers. Material will not burn unless preheated.

A complex mixture of airborne solid, liquid, particulates, and gases will evolve when this material undergoes pyrolysis or combustion.

**Special Protective Equipment and Precautions for Fire Fighters:**

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

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## 6 . ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing (for large spills). Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools. Ensure adequate ventilation. Extinguish all sources of ignition. Flush area for trace residue.

## 7 . HANDLING AND STORAGE

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents.

## 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Standards:**

Oil mist:

TWA: 5 mg/m<sup>3</sup>

**Engineering Controls:**

Provide mechanical ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

**Personal Protective Equipment (PPE):****Respiratory Protection:**

Normally not needed in a well ventilated area. If workplace exposure limit is exceeded, a Safe Work Australia approved air supplied respirator is recommended. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Rubber, neoprene or vinyl gloves and protective clothing. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

**Eye and Face Protection:**

Safety glasses with top and side shields or goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

**Form:**

Liquid

**Colour:**

Clear brown / yellowish

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<b>Odour:</b>	Hydrocarbon
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	Not determined.
<b>Melting point/Melting range:</b>	Undetermined.
<b>Initial Boiling Point/Boiling Range:</b>	Undetermined.
<b>Flash Point:</b>	>149 °C (ASTM D-93 PM Closed Cup)
<b>Flammability:</b>	Combustible liquid
<b>Auto-ignition Temperature:</b>	
<b>Decomposition Temperature:</b>	Not determined.
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour Pressure:</b>	Not determined.
<b>Relative Density at 25 °C:</b>	0.86 g/cm <sup>3</sup>
<b>Vapour Density at 20 °C:</b>	>1 g/cm <sup>3</sup>
<b>Evaporation Rate at 20 °C:</b>	<1 g/cm <sup>3</sup>
<b>Solubility in Water:</b>	Negligible
<b>Partition Coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity at 25 °C:</b>	90-200 cSt

**10 . STABILITY AND REACTIVITY**

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:**

Heat, sparks, open flames and other sources of ignition.

Prolonged temperatures over 37.8°C will result in product darkening

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:**

A complex mixture of airborne solid, liquid, particulates, and gases will evolve when this material undergoes pyrolysis or combustion.

**11 . TOXICOLOGICAL INFORMATION****Toxicity:****Acute Health Effects**

**Inhalation:** May cause nose, throat, and/or respiratory tract irritation.

**Skin:**

May cause skin irritation. Skin absorption is possible but harmful effects are not expected under normal conditions of handling and use.

**Eye:** May cause eye irritation.

**Ingestion:**

May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** No sensitising effects known.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

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**Carcinogenicity:**

Distillates (petroleum), solvent dewaxed heavy paraffinic is classified by Safe Work Australia as Carcinogen Category 2.

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346. The manufacturers, distributors and importers of this substance shall be obliged to carry out an investigation to make themselves aware of the relevant and accessible data which exists for all other properties to classify and label the substance.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Chronic Health Effects:**

Prolonged or repeated exposure may cause drying, redness, and cracking of the skin.

Prolonged or repeated exposure may cause moderate corneal injury and effects may be slow to heal.

**Existing Conditions Aggravated by Exposure:** Pre-existing skin and respiratory disorders.

**12 . ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available

**Aquatic toxicity:** No information available

**Persistence and Degradability:** No information available

**Bioaccumulative Potential:** No information available

**Mobility in Soil:** No information available

**13 . DISPOSAL CONSIDERATIONS**

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

**14 . TRANSPORT INFORMATION**

**UN Number** Not applicable

**ADG, IMDG, IATA** Void

**Proper Shipping Name** Not applicable

**ADG, IMDG, IATA** Void

**Dangerous Goods Class** Not applicable

**ADG Class:** Void

**Packing Group:** Not applicable

**ADG, IMDG, IATA** Void

**Marine pollutant:** No

**15 . REGULATORY INFORMATION**

**Australian Inventory of Chemical Substances:**

64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic
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64742-58-1	Lubricating oils, petroleum, hydrotreated spent
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**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Poisons Schedule: 5

## 16 . OTHER INFORMATION

**Creation Date:** 22.11.2013

**Prepared by:** MSDS.COM.AU Pty Ltd

[www.msds.com.au](http://www.msds.com.au)

### Abbreviations and acronyms:

ADG: Australian Dangerous Goods  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
IARC: International Agency for Research on Cancer  
STEL: Short Term Exposure Limit  
TWA: Time Weighted Average  
NES: National Exposure Standard

### Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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