

Safety Data Sheet

Infosafe No™ LQ3R3 Issue Date : June 2013 ISSUED by MOTORONE

Product Name : **SMARTKOTE RAIN REPELLENT**

Classified as hazardous

1. Identification

GHS Product Identifier SMARTKOTE RAIN REPELLENT
Company Name MotorOne Group Pty Ltd
Address 275 Canterbury Road Canterbury
VIC 3126 Australia
Telephone/Fax Number Tel: (03) 8809 2700
Fax: (03) 9888 6944
Recommended use of the chemical and restrictions on use Tinted glass cleaner and protector.

2. Hazard Identification

Classification of the substance or mixture Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Signal Word (s) Flammable Liquids: Category 4
Aspiration Hazard: Category 1
Danger

Hazard Statement (s) H227 Combustible liquid
H304 May be fatal if swallowed and enters airways.

Pictogram (s) Health hazard



Precautionary statement – Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response INGESTION
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.

Precautionary statement – Storage OTHER
P370+P378 In case of fire: Use water spray, foam, carbon dioxide or dry powder for extinction.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients

Information on Composition Blend of petroleum distillates, wetting agents, waxes and other performance additives.

Ingredients	Name	CAS	Proportion
	Petroleum Distillate	64742-88-7,	0->30 %
	Solvents	64742-48-9	
	Ingredients determined not to be hazardous		To 100%

4. First-aid measures

Inhalation Remove affected person from exposure. Allow to assume most comfortable position and keep warm. Keep at rest until fully recovered. If symptoms persist seek medical attention.

Ingestion Do NOT induce vomiting. Wash out mouth and lips with water. Where vomiting occurs naturally have affected person place head below hip level in order to

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Skin	reduce risk of aspiration. Seek immediate medical attention. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash contaminated clothing before re-use. If irritation occurs seek medical advice.
Eye contact	If in eyes, flush eyes immediately with copious amounts of water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media	Use water spray, foam, carbon dioxide or dry powder to extinguish fire.
Hazards from Combustion Products	Under fire conditions this product will emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, and various hydrocarbon derivatives.
Specific hazards arising from the chemical	Combustible liquid. This product will readily burn if exposed to fire.
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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7. Handling and storage

Precautions for Safe Handling	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. 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 applicable local and national regulations.
Storage Regulations	COMBUSTIBLE LIQUID - CLASS C1, Flashpoint >60.5°C-150°C. Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940-2004 The storage and handling of flammable and combustible liquids.

8. Exposure controls/personal protection

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Occupational exposure limit values	No exposure standards have been established for this material, however, the TWA Safe Work, Australia exposure standards for oil mist, refined mineral oil is 5 mg/m ³ . As with all chemicals, exposure should be kept to the lowest possible levels. TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
Biological Limit Values	No biological limit allocated.
Appropriate engineering controls	Provide sufficient ventilation to keep airborne levels as low as possible. Where vapours and mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter may be necessary. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or chemical goggles as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances ie. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material such as neoprene, nitrile or laminated film. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist.

9. Physical and chemical properties

Appearance	Translucent liquid.
Colour	Off-white
Odour	Hydrocarbon solvent odour.
Decomposition Temperature	Not available
Melting Point	<-50°C
Boiling Point	177°C
Solubility in Water	Soluble
Solubility in Organic Solvents	Not available
Specific Gravity	0.784
pH	Not available
Vapour Pressure	<5 mmHg at 25°C
Vapour Density (Air=1)	>1
Evaporation Rate	<1 (n-Butyl acetate=1)
Odour Threshold	Not available
Viscosity	Not available
Volatile Component	97.7%
Partition Coefficient: n-octanol/water	Not available
Flash Point	63.9°C

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Flammability Combustible liquid.

Auto-Ignition Temperature >200°C

Flammable Limits - Lower Not available

Flammable Limits - Upper Not available

10. Stability and reactivity

Reactivity Will react with incompatibles.

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid Heat and other sources of ignition.

Incompatible Materials Oxidising agents.

Hazardous Decomposition Products Thermal decomposition conditions this product will emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, and various hydrocarbon derivatives.

Hazardous Polymerization Will not occur.

11. Toxicological Information

Toxicology Information Not available

Ingestion Harmful-may cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death. May cause irritation to the mouth, throat, esophagus and stomach with nausea, abdominal discomfort, vomiting and diarrhoea.

Inhalation Inhalation of product vapours may cause irritation of the nose, throat and the upper respiratory tract.

Skin On prolonged contact the liquid may be de-fatting and irritating to skin on.

Eye May be irritating to eyes. May cause redness, excessive tearing, stinging and swelling.

Respiratory sensitisation Not expected to be a respiratory sensitiser.

Skin Sensitisation Not expected to be a skin sensitiser.

Germ cell mutagenicity Not considered to be a mutagenic hazard.

Carcinogenicity Not considered to be a carcinogenic hazard.

Reproductive Toxicity Not considered to be toxic to reproduction.

STOT-single exposure Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure Not expected to cause toxicity to a specific target organ.

Aspiration Hazard Harmful-may cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death.

12. Ecological information

Ecotoxicity Not available

Persistence and degradability Not available

Mobility Not available

Bioaccumulative Potential Not available

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Environmental Protection Do not discharge product into drains, sewers or waterways.

13. Disposal considerations

Disposal Considerations The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. Transport information

Transport Information Road and Rail Transport (ADG Code):
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

IMDG Marine pollutant No

15. Regulatory information

Regulatory Information Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule S5

AICS (Australia) All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other Information

Date of preparation or last revision of SDS MSDS Reviewed: June 2013
Supersedes: December 2002, September 2009

Literature References Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants, Safe work Australia.
American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.

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