

Infosafe No™ HXOQL	Issue Date : June 2007	ISSUED by RITTCO	CS: 1.4.22
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Product Name : **SLICK 50 ONE LUBE AEROSOL**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	SLICK 50 ONE LUBE AEROSOL		
<b>Product Code</b>	43712012		
<b>Company Name</b>	RITTCO DISTRIBUTING		
<b>Address</b>	PO Box 23 Concord NSW 2137 Australia		
<b>Emergency Tel.</b>	13 11 16		
<b>Recommended Use</b>	LUBRICANT - AEROSOL		
<b>Other Names</b>	<u>Name</u>	<u>Product Code</u>	
	SLICK 50 ONE LUBE AEROSOL		

## 2. HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	HAZARDOUS SUBSTANCE. DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
<b>Risk Phrase(s)</b>	R11 Highly flammable. R38 Irritating to skin. R45(1) May cause cancer. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R67 Vapours may cause drowsiness and dizziness
<b>Safety Phrase(s)</b>	S16 Keep away from sources of ignition - No smoking. S2 Keep out of reach of children. S29 Do not empty into drains. S33 Take precautionary measures against static discharges. S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible). S53 Avoid exposure - obtain special instructions before use. S60 This material and its container must be disposed of as hazardous waste. S61 Avoid release to the environment. Refer to special instructions / safety data sheets. S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. S9 Keep container in a well ventilated place.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition	Ingredient	Formula
	PARAFFIN OIL - HIGHLY SOLVENT REFINED	Not Available
	N-HEPTANE	C7-H16
	CARBON DIOXIDE	CO2
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u> <u>Proportion</u>
	PARAFFIN OIL - HIGHLY SOLVENT REFINED	64742-65-0      <70 %
	n-Heptane	142-82-5      <30 %
	Carbon dioxide	124-38-9      1-5 %

## 4. FIRST AID MEASURES

<b>Inhalation</b>	Leave area of exposure. If symptoms develop, seek urgent medical attention. If assisting a person exposed, wear a Type A (Organic vapour) respirator (or Air-line respirator in poorly ventilated areas). If person is not breathing, apply artificial respiration and seek urgent medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.

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<b>Skin</b>	Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
<b>Eye</b>	Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.
<b>Advice to Doctor</b>	Treat symptomatically

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. Absorb runoff with sand or similar.
<b>Specific Hazards</b>	Highly flammable aerosol. Evacuate area & contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
<b>Hazchem Code</b>	2Y

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	If can is punctured, clear area of all unprotected personnel and ventilate area. Wear splash-proof goggles, PVA/viton gloves, a Type A-Class P1 (Organic vapour and Particulate) respirator and coveralls. Collect and allow to discharge outdoors. Absorb residues with sand or similar and place in clean containers for disposal.
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## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.
<b>Conditions for Safe Storage</b>	Store in cool, dry, well ventilated area, removed from direct sunlight, heat & ignition sources, oxidising agents, acids, alkalis & foodstuffs. Ensure aerosol containers are adequately labelled, protected from physical damage and sealed when not in use. Inspect regularly for damaged/ leaking containers. Large storage areas should have appropriate fire protection and ventilation systems. Store at temperatures not exceeding 49°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Ingredient	Reference	TWA		STEL	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
	CARBON DIOXIDE	NOHSC (AUS)	5000	--	30000	--
	n-Heptane	NOHSC (AUS)	400	1600	500	2000
<b>Biological Limit Values</b>	No biological limit allocated.					
<b>Engineering Controls</b>	Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain dust / fume levels below the recommended exposure standard.					
<b>Personal Protective Equipment</b>	Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear viton (R) or PVA gloves and coveralls. Where an inhalation risk exists, wear a Type A-Class P1 (Organic gases/vapours and Particulate) Respirator.					

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear liquid (aerosol dispensed)
<b>Odour</b>	Solvent odour
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available

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<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	0.83
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Volatile Component</b>	Not available
<b>Flash Point</b>	-7.8°C
<b>Flammability</b>	Highly flammable aerosol. May evolve toxic gases (eg: carbon oxides, hydrocarbons) when heated to decomposition. Vapours may form explosive mixtures in air. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights etc. when handling. Aerosol cans may explode when heated above 50°C.
<b>Auto-Ignition Temperature</b>	Not available
<b>Explosion Limit - Upper</b>	Not available
<b>Explosion Limit - Lower</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Incompatible Materials</b>	Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), strong alkalis (eg. hydroxides), heat and ignition sources.
<b>Hazardous Decomposition Products</b>	May evolve toxic gases (eg: carbon oxides, hydrocarbons) when heated to decomposition.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	Toxicity Data: N-HEPTANE (142-82-5) LC50 (Inhalation): 103 g/m <sup>3</sup> /4 hours (rat)
<b>Health Hazard</b>	Use safe work practices to avoid eye or skin contact and vapour or spray mist inhalation. Over exposure may result in anaemia and liver/ kidney/ CNS damage. Deliberately concentrating and inhaling contents of this aerosol may be fatal. When using small aerosol containers, the potential for an inhalation hazard is reduced.
<b>Inhalation</b>	Over exposure may result in irritation of the nose and throat, headache, fatigue, loss of appetite, nausea and vomiting. At high levels; dizziness, breathing difficulties, pulmonary oedema and unconsciousness. Chronic exposure may cause liver, kidney and CNS damage.
<b>Ingestion</b>	Due to product form (aerosol container) ingestion is considered highly unlikely. Do not ingest. Ingestion can lead to aspiration occurring. Coughing, choking and gagging are signs that aspiration has occurred.
<b>Skin</b>	Prolonged contact may result in drying and defatting of the skin, rash and dermatitis. Toxic effects may result from skin absorption.
<b>Eye</b>	Exposure may result in lacrimation, irritation, pain, redness, conjunctivitis and possible corneal burns with prolonged contact.

## 12. ECOLOGICAL INFORMATION

<b>Ecological Information</b>	Environment: If aromatic hydrocarbons are released to soil, they will evaporate from near-surface soil & leach to groundwater. Biodegradation occurs in soil & groundwater but may be slow, especially at high concentrations, which can be toxic to microorganisms. Will exist largely as vapour in air. Half life in atmosphere depends on particular hydrocarbon (eg 1-2 days (xylene); 3 hrs-1 day (toluene)).
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## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	For small amounts absorb contents with sand or similar and dispose of to an
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Product Name : **SLICK 50 ONE LUBE AEROSOL****Local Legislation**

approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer for additional information.

Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION**

<b>Transport Information</b>	CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
<b>U.N. Number</b>	1950
<b>Proper Shipping Name</b>	AEROSOLS
<b>DG Class</b>	2.1
<b>Sub.Risk</b>	None Allocated
<b>Hazchem Code</b>	2Y
<b>Packaging Method</b>	
<b>Packing Group</b>	
<b>EPG Number</b>	2D1
<b>IERG Number</b>	49

**15. REGULATORY INFORMATION**

<b>Regulatory Information</b>	Poison Schedule: A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
<b>Poisons Schedule</b>	Not Scheduled
<b>Hazard Category</b>	Toxic, Irritant, Highly Flammable, Dangerous for the environment
<b>AICS (Australia)</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

**Other Information** SYNERGISM - ANTAGONISM: Ingredients in this product may act together to aggravate or reduce adverse effects. Accordingly the time weighted average concentration (TWA) provided for single ingredients should be considered as a guide only and all due care exercised when handling.

WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGE (TWA) or WES (WORKPLACE EXPOSURE STANDARD) (NZ): Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

**ABBREVIATIONS:**mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale

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of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.  
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.  
M - moles per litre, a unit of concentration.  
IARC - International Agency for Research on Cancer.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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