



# Material Safety Data Sheet

CS: 1.4.22

Infosafe No™ HX0Q7	Issue Date :June 2007	ISSUED by RITTCO
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Product Name : **SLICK 50 ADVANCED FORMULA ENGINE TREATMENT**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	SLICK 50 ADVANCED FORMULA ENGINE TREATMENT	
<b>Product Code</b>	41306032	
<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>	ENGINE TREATMENT	
<b>Other Names</b>	<u>Name</u>	<u>Product Code</u>
	SLICK 50 ADVANCED FORMULA ENGINE TREATMENT	

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** NON-HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Characterization</b>	Liquid		
<b>Information on Composition</b>	Ingredient	Formula	
	SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	Not Available	
	NON HAZARDOUS INGREDIENTS	Not Available	
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Solvent naphtha (petroleum), medium aliphatic	64742-88-7	Not Available
	Non hazardous ingredients	Not available	Not Available

## 4. FIRST AID MEASURES

<b>Inhalation</b>	If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.
<b>Skin</b>	Gently flush affected areas with water. Seek medical attention if irritation develops. Remove contaminated clothing.
<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>	Combustible. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved when heated. 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>	None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	If spilt (bulk), contact emergency services if appropriate. Wear splash-proof goggles, PVC/rubber gloves, a Type A (Organic vapour) respirator (where an
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inhalation risk exists), coveralls and rubber boots. Ventilate and clear area of all unprotected personnel. Eliminate potential ignition sources. Absorb spill with sand or similar, collect and place in sealable containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** 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.

**Conditions for Safe Storage** Store out of direct sunlight and out of the reach of children, in a cool, dry, well ventilated area, removed from oxidising agents (eg. hypochlorites), acids (sulphuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate ventilation systems. Store as a Class C2 Combustible Liquid (AS1940).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure standard(s) allocated.

**Biological Limit Values** No biological limit allocated.

**Engineering Controls** Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended.

**Personal Protective Equipment** Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator. With prolonged use, wear viton (R) gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** Liquid

**Odour** Odourless

**Melting Point** Not available

**Boiling Point** Not available

**Solubility in Water** Insoluble

**Specific Gravity** 0.87

**pH Value** Not available

**Vapour Pressure** Not available

**Vapour Density (Air=1)** Not available

**Evaporation Rate** Not available

**Volatile Component** Not available

**Flash Point** 221.1°C

**Flammability** Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.  
CLASS C2 COMBUSTIBLE

**Auto-Ignition Temperature** Not available

**Explosion Limit - Upper** Not available

**Explosion Limit - Lower** Not available

## 10. STABILITY AND REACTIVITY

**Incompatible Materials** Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), heat and ignition sources.

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**Hazardous Decomposition Products** May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information** Toxicity Data: No LD50 data available for this product.

**Health Hazard** This product has the potential to cause adverse health effects with direct eye contact, prolonged skin contact or vapour inhalation at high levels. Use safe work practices to avoid eye or skin contact and vapour generation/inhalation.

**Inhalation** Inhalation may cause irritation to the respiratory system, nose and throat irritation, coughing, and headache. Over exposure may result in nausea, dizziness and drowsiness.

**Ingestion** Ingestion of large doses may result in nausea, vomiting, abdominal pain, diarrhoea, and drowsiness. Aspiration may result in chemical pneumonitis and pulmonary oedema.

**Skin** Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

**Eye** Exposure may result in irritation, pain and redness.

## 12. ECOLOGICAL INFORMATION

**Ecological Information** Environment: Aliphatic hydrocarbons behave differently in the environment depending on their size. WATER: Light aliphatics volatilise rapidly from water (half life - few hours). Bioconcentration should not be significant. SOIL: Light aliphatics biodegrade quickly in soil and water, heavy aliphatics biodegrade very slowly. ATMOSPHERE: Vapour-phase aliphatics will degrade by reaction with hydroxyl radicals.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

**Local Legislation** Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

**Transport Information** NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

**Sub.Risk** None Allocated

**Hazchem Code** None Allocated

**Packing Group** None Allocated

## 15. REGULATORY INFORMATION

**Regulatory Information** 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).

**Poisons Schedule** Not Scheduled

**AICS (Australia)** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

**Other Information** 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.

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**RESPIRATORS:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

**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 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.

**Prepared By:**

Risk Management Technologies

5 Ventnor Ave, West Perth

Western Australia 6005

Phone: +61 8 9322 1711

Fax: +61 8 9322 1794

Email: info@rmt.com.au

Web: www.rmt.com.au

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