MATERIAL SAFETY DATA SHEET

Product Name **5.56 AEROSOL**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name CRC INDUSTRIES (AUST) PTY LIMITED
Address PO Box 199, Castle Hill NSW, 2154, AUSTRALIA
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Synonyms 5.56 (AEROSOL), 5005 - PRODUCT CODE, 5027 - PRODUCT CODE, 5028 - PRODUCT CODE, CRC 5-56 (AEROSOL) (FORMERLY), CRC 5.56 AEROSOL.

Uses LUBRICANT, PENETRANT.

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
PETROLEUM DISTILLATE		>60%	Not Available
LIQUEFIED PETROLEUM GAS (LPG)	C3H8/C3H6/C4H10/C4H8	10 - 30%	68476-85-7
MINERAL OIL (SOLVENT REFINED)		10 - 30%	Not Available
CORROSION INHIBITOR(S)		<10%	Not Available

4. FIRST AID MEASURES

Eye 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.

Inhalation Leave area of exposure. If symptoms develop, seek urgent medical attention. If assisting a victim, avoid becoming a casualty, wear a Type A (Organic vapour) respirator (or Air-line respirator in poorly ventilated areas). If victim not breathing, apply artificial respiration and seek urgent medical attention.

Skin Gently flush affected areas with water.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

Advice To Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Combustible liquid - highly flammable propellant. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol container may explode if heated above 50 C.Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights etc. when handling.

Colour Rating AMBER

Product Name **5.56 AEROSOL**

5. FIRE FIGHTING MEASURES cont.

Fire and Explosion Combustible liquid - highly flammable propellant/vapour. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

Hazchem Code 2Y

6. ACCIDENTAL RELEASE MEASURES

Spillage If can is punctured, clear area of all unprotected personnel and ventilate area. Wear splash-proof goggles, PVC/rubber gloves, a Type A-Class P1 (Organic vapour and Particulate) respirator (where an inhalation risk exists) and coveralls. Collect and allow to discharge outdoors. Absorb residues with sand or similar and place in clean containers for disposal.

7. HANDLING AND STORAGE

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 (eg. if container is damaged).

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 (sulfuric 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation 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 vapour levels below the recommended exposure standard.

Exposure Standards

LIQUEFIED PETROLEUM GAS (LPG) (68476-85-7)
ES-TWA : 1000 ppm (1800 mg/m3)
WES-TWA : 1000 ppm (1800 mg/m3)

MINERAL OIL (SOLVENT REFINED) (Not Available)
ES-TWA : 5 mg/m3 (Mineral oil mist)

PPE Wear splash-proof goggles or safety glasses. When using large quantities or where heavy contamination is likely, wear coveralls and PVC or rubber gloves. At high vapour levels, wear a Type A-Class P1 (Organic vapour and Particulate) Respirator.

Colour Rating AMBER

MATERIAL SAFETY DATA SHEET

Product Name **5.56 AEROSOL**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION cont.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: AMBER LIQUID (AEROSOL DISPENSED)
Odour: PLEASANT ODOUR
pH: NOT AVAILABLE
Vapour Pressure: 0.23 mm Hg
Vapour Density: > 1 (Air = 1)
Boiling Point: 193 C (Initial)
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT AVAILABLE
Solubility (water): INSOLUBLE
Specific Gravity: 0.81
% Volatiles: 82 %
Flammability: COMBUSTIBLE
Flash Point: 79 C
Upper Explosion Limit: 12 %
Lower Explosion Limit: 1.4 %
Autoignition Temperature: 550 C

10. STABILITY AND REACTIVITY

Reactivity Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulfuric acid), heat and ignition sources.

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

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Low to moderate toxicity - irritant. This product may only have the potential to cause adverse health effects if intentionally misused (eg. deliberately inhaling contents). Over exposure may result in adverse effects to the central nervous system. Use safe work practices to avoid eye or skin contact and vapour inhalation.

Eye Irritant. Exposure may result in lacrimation, irritation, pain and redness.

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

Skin Irritant. Prolonged contact may result in drying and defatting of the skin, rash and dermatitis.

Ingestion Low to moderate toxicity. Ingestion may result in nausea, vomiting, abdominal pain and drowsiness with large doses. Aspiration may result in chemical pneumonitis and pulmonary oedema. Ingestion is considered unlikely due to product form (ie. aerosol).

Colour Rating AMBER

MATERIAL SAFETY DATA SHEET

Product Name **5.56 AEROSOL**

11. TOXICOLOGICAL INFORMATION cont.

12. 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 contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer for additional information.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Transport Class 2.1 Flammable gas. Do not transport with chemicals of class; 1 (Explosives), 3 (Flammable liquids), 4.1 (Flammable solids), 4.2 (Spontaneously combustibles), 4.3 (Dangerous when wet), 5.1 (Oxidising agents), 5.2 (Organic Peroxides), 7 (Radioactives) and foodstuffs.

UN Number	1950
Shipping Name	AEROSOLS
DG Class	2.1
Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated
Hazchem Code	2Y

15. REGULATORY INFORMATION

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

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).

16. OTHER INFORMATION

Additional Information AEROSOL CANS may explode at temperatures approaching 50 C.

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.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid

Colour Rating AMBER

MATERIAL SAFETY DATA SHEET

Product Name **5.56 AEROSOL**

16. OTHER INFORMATION cont.

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.

ABBREVIATIONS:
mg/m3 - 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.
COLOUR RATING SYSTEM: Chem Alert reports are assigned a colour rating of Green, Amber or Red for the purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

Report Reviewed 10th February 2006

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Report Status Chem Alert reports are compiled as an independent source of information by RMT's scientific department. The information is based on the latest chemical and toxicological research, and in compliance with relevant standards, guidance notes and legislation (where applicable). The Chem Alert report is not intended as a replacement to the manufacturer's original MSDS that is provided to Chem Alert subscribers for convenience. In many instances, Chem Alert reports are compiled on behalf of manufacturers, in which case they serve as the "Manufacturer's MSDS" and are clearly identified as such on the relevant reports.

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16. OTHER INFORMATION cont.

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Colour Rating AMBER