

SAFETY DATA SHEET

5.56 BULK

Infosafe No.: FMPBM
ISSUED Date: 12/02/2015
Issued by: CRC INDUSTRIES (AUST) PTY
LIMITED

1. IDENTIFICATION

GHS Product Identifier

5.56 BULK

Product Code

5006, 5007, 5009, 5011

Company Name

CRC INDUSTRIES (AUST) PTY LIMITED (ABN 000 725 833)

Address

PO Box 199, 9 Gladstone Rd. Castle Hill
NSW 2154 Australia

Telephone/Fax Number

Tel: (02) 9634 2088

Fax: (02) 9680 4914

Emergency phone number

13 11 26 (PIC)

E-mail Address

info@crcind.com.au

Recommended use of the chemical and restrictions on use

LUBRICANT • PENETRANT

Other Names

Name	Product Code
5.56 (BULK)	
CRC 5-56 (BULK) (FORMERLY)	

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Non-Dangerous Goods.

Hazardous substance.

Signal Word (s)

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

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

P331 Do NOT induce vomiting.

P370 + P378 In case of fire: Use appropriate media for extinction.

Precautionary statement – Storage

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

Precautionary statement – Disposal

P501 Dispose of contents/container in accordance with relevant regulations.

Other Information

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA.

GHS classification(s):

Aspiration Hazard: Category 1

Flammable Liquids: Category 4

Other hazards:

No information provided.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Distillates (Petroleum), Hydrotreated Light	64742-47-8	>60 %
Mineral Oil (Solvent Refined)		10-30 %
CORROSION INHIBITOR(S)		<10 %

Other Information

Ingredient: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

EC Number: 265-149-8

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Ingestion

For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor.

Eye contact

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor, or for at least 15 minutes.

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically.

Most important symptoms/effects, acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.

Specific Methods

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. 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.

Specific Hazards Arising From The Chemical

Combustible. May evolve carbon oxides and hydrocarbons when heated to decomposition.

Hazchem Code

None Allocated

Decomposition Temperature

NOT AVAILABLE

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

Methods And Materials For Containment And Cleaning Up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all sources of ignition.

Environmental Precautions

Prevent product from entering drains and waterways.

Other Information

Reference to other sections:

See Sections 8 and 13 for exposure controls and 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, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from oxidising agents, acids, heat or ignition 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 C1 Combustible Liquid (AS1940).

Additional information on precautions for use

No information provided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Ingredient: Mineral Oil Mist

Reference: SWA (AUS)

TWA mg/m³: 5

Biological Limit Values

No biological limit values have been entered for this product.

Appropriate Engineering Controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

Respiratory Protection

Where an inhalation risk exists, wear a Type A (Organic vapour) respirator.

Eye Protection

Wear splash-proof goggles.

Hand Protection

Wear nitrile or neoprene gloves.

Body Protection

When using large quantities or where heavy contamination is likely, wear coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

CLEAR AMBER LIQUID

Odour

PLEASANT ODOUR

Decomposition Temperature

NOT AVAILABLE

Melting Point

NOT AVAILABLE

Boiling Point

193°C (Initial)

Solubility in Water

INSOLUBLE

Specific Gravity

0.81

pH

NOT AVAILABLE

Vapour Pressure

0.23 mm Hg

Vapour Density (Air=1)

> 1 (Air = 1)

Evaporation Rate

0.05 (n-Butyl acetate = 1)

Odour Threshold

NOT AVAILABLE

Viscosity

NOT AVAILABLE

Volatile Component

82 %

Partition Coefficient: n-octanol/water

NOT AVAILABLE

Flash Point

70°C

Flammability

CLASS C1 COMBUSTIBLE

Auto-Ignition Temperature

550°C

Explosion Limit - Upper

12 %

Explosion Limit - Lower

1.4 %

Explosion Properties

NOT AVAILABLE

Oxidising Properties

NOT AVAILABLE

10. STABILITY AND REACTIVITY

Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

Chemical Stability

Stable under recommended conditions of storage.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials

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

Hazardous Decomposition Products

May evolve carbon oxides and hydrocarbons when heated to decomposition.

Possibility of hazardous reactions

Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No LD50 data available for this product.

Ingestion

Low to moderate toxicity. Ingestion may result in nausea, vomiting, abdominal pain, diarrhoea, dizziness and drowsiness. Aspiration may result in chemical pneumonitis and pulmonary oedema.

Inhalation

Irritant. Over exposure may result in irritation of the nose and throat, coughing and headache. High level exposure may result in nausea, dizziness and drowsiness.

Skin

Irritant. Contact may result in drying and defatting of the skin, rash and dermatitis.

Eye

Irritant. Contact may result in irritation, lacrimation, pain and redness.

Health Hazard

May be harmful - irritant. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. Over exposure may result in central nervous system (CNS) effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information provided.

Persistence and degradability

No information provided.

Mobility

No information provided.

Bioaccumulative Potential

No information provided.

Other Adverse Effects

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

Incinerate where available. For small amounts absorb with sand, vermiculite or similar and dispose of to approved landfill site.

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

U.N. Number

None Allocated

UN proper shipping name

COMBUSTIBLE LIQUID - CLASS C1 Flashpoint >61°-150°C

Transport hazard class(es)

None Allocated

Sub.Risk

None Allocated

Packing Group

None Allocated

Hazchem Code

None Allocated

EPG Number

None Allocated

15. REGULATORY INFORMATION

Regulatory information

Poison Schedule: Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Classifications:

Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC; 1008(2004)].

Poisons Schedule

S5

Symbol

Xn: Harmful

Australia (AICS)

All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Signature of Preparer/Data Service

Prepared By:

Risk Management Technologies

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Western Australia 6005

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Other Information

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES;

The recommendation for protective equipment contained within this 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 ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS:

ACGIH: American Conference of Governmental Industrial Hygienists

CAS#: Chemical Abstract Service number - used to uniquely identify chemical compounds

CNS: Central Nervous System

EC No.: EC No - European Community Number

EMS: Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)

GHS: Globally Harmonized System

GTEPG: Group Text Emergency Procedure Guide

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration, 50% / Median Lethal Concentration

LD50: Lethal Dose, 50% / Median Lethal Dose

mg/m³: Milligrams per Cubic Metre

OEL: Occupational Exposure Limit

pH: relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm: Parts Per Million

STEL: Short-Term Exposure Limit

STOT-RE: Specific target organ toxicity (repeated exposure)

STOT-SE: Specific target organ toxicity (single exposure)

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons

SWA: Safe Work Australia

TLV: Threshold Limit Value

TWA: Time Weighted Average

Revision: 2.0

Description: GHS classifications provided.

Revision: 1.0

Description: Initial SDS creation

Revision: 2

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END OF SDS

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