

SAFETY DATA SHEET

5.56 AEROSOL

Infosafe No.: FMPBL
ISSUED Date : 29/05/2023
ISSUED by: CRC INDUSTRIES (AUST) PTY
LIMITED

Section 1 - Identification

Product Identifier

5.56 AEROSOL

Product Code

5005

Company Name

CRC INDUSTRIES (AUST) PTY LIMITED

Address

9 Gladstone Road Castle Hill
NSW 2154 AUSTRALIA

Telephone/Fax Number

Tel: (02) 9849 6700

Fax: (02) 9680 4914

Emergency Phone Number

13 11 26 (PIC)

E-mail Address

info.au@crcind.com

Recommended use of the chemical and restrictions on use

Lubricant · Penetrant

Other Names

Name	Product Code
5.56 AEROSOL	5005B
5.56 AEROSOL	5005E
5.56 AEROSOL	5005M
5.56 AEROSOL	5028
5.56 AEROSOL	1752468
5.56 AEROSOL	1753106
5.56 AEROSOL	1753106R
5.56 AEROSOL	1752426
5.56 AEROSOL	1752426R
5.56 AEROSOL	1753758

Additional InformationWebsite: <http://www.crcindustries.com.au>

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Aerosols: Category 1

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Signal Word (s)

DANGER

Hazard Statement (s)

AUH066 Repeated exposure may cause skin dryness or cracking.

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

Pictogram (s)

Flame



Precautionary Statement – Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

Precautionary Statement – Response

Not Applicable

Precautionary Statement – Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statement – Disposal

Not Applicable

Precautionary Statement – General

Not Applicable

Other Information

Classification of the substance or mixture:

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

Physical Hazards

Aerosols - Flammable: Category 1

Aerosols - Pressurised: Category 1

Health Hazards:

Repeated exposure may cause skin dryness or cracking.

Environmental Hazards:

Not classified as an Environmental Hazard

Other hazards:

No information provided.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
CORROSION INHIBITOR(S)	-	<10 %
PETROLEUM GASES, LIQUEFIED (<0.1% W/W 1,3-BUTADIENE)	68476-85-7	10-30 %
Distillates (petroleum), hydrotreated light	64742-47-8	>60 %
MINERAL OIL (SOLVENT/HIGHLY REFINED)	-	10-30 %

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Other Information

Synonyms: 1753758 · 5005, 5005B, 5005E, 5005M, 5028, 1752468, 1753106, 1753106R, 1752426, 1752426R - PRODUCT CODE(S)

Substances / Mixtures:

Ingredient / EC Number

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 265-149-8

PETROLEUM GASES, LIQUEFIED (<0.1% W/W 1,3-BUTADIENE) 270-704-2

Section 4 - First Aid Measures

Inhalation

If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). 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. Ingestion is considered unlikely due to product form.

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 or a doctor.

Eye

If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

First Aid Facilities

Normal washroom facilities should be available.

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically.

Most important symptoms/effects, acute, delayed and aggravated medical conditions

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

Section 5 - Firefighting Measures

Suitable Extinguishing Media

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

Extremely flammable aerosol. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C. Eliminate all ignition sources, including cigarettes, open flames, spark producing switches/tools, heaters, pilot lights, mobile phones, etc when handling. Aerosol cans may explode above 50°C.

Hazchem Code

2YE

Decomposition Temperature

Not available

Other Information

Hazchem code:

2YE

2 Fine Water Spray.

Y Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.

E Evacuation of people in and around the immediate vicinity of the incident should be considered.

Section 6 - Accidental Release Measures

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.

Environmental Precautions

Prevent product from entering drains and waterways.

Personal precautions, protective equipment and emergency procedures (Small Spills)

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

Other Information

Reference to other sections:

See Sections 8 and 13 for exposure controls and disposal.

Section 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 (< 50°C), dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure aerosol containers/ cans are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for damaged/ leaking containers. Large storage areas should have appropriate fire protection systems.

Additional information on precautions for use

Specific end uses:

No information provided.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values

Control parameters

Exposure standards:

Ingredient / Reference / TWA ppm / TWA mg/m³ / STEL ppm / STEL mg/m³

Liquefied petroleum gas (LPG) SWA [AUS] 1000 1800 1000 1800

Mineral Oil Mist SWA [AUS] -- 5 -- --

Biological Monitoring

No biological limit values have been entered for this product.

Engineering Controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable vapours may accumulate in poorly ventilated or confined areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back.

Respiratory Protection

At high vapour levels, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.

Eye and Face 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.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Aerosol - Liquid	Appearance	Amber Liquid (Aerosol Dispensed)
Odour	Pleasant odour	Melting Point	Not available
Boiling Point	193°C (Initial)	Decomposition Temperature	Not available
Solubility in Water	Insoluble	pH	Not available
Vapour Pressure	Not available	Relative Vapour Density (Air=1)	> 1
Evaporation Rate	Not available	Odour Threshold	Not available
Viscosity	Not available	Volatile Component	82 %
Partition Coefficient: n-octanol/water (log value)	Not available	Flash Point	<0°C (Propellant)
Flammability	Extremely flammable	Auto-Ignition Temperature	550°C
Explosion Limit - Upper	12 %	Explosion Limit - Lower	1.4 %
Explosion Properties	Not available	Oxidising Properties	Not available
Relative Density	0.81		

Section 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.

Possibility of hazardous reactions

Polymerization is not expected to occur.

Conditions to Avoid

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

Incompatible Materials

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources.

Hazardous Decomposition Products

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

Section 11 - Toxicological Information

Toxicology Information

Acute toxicity: This product may have the potential to cause adverse health effects if intentionally misused (e.g. deliberately inhaling contents).

Information available for the ingredients:

Ingredient / Oral LD50 / Dermal / LD50 Inhalation LC50

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT > 2000 mg/kg (rat) > 2000 mg/kg (rabbit) --

Skin Corrosion/Irritation

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

Serious Eye Damage/Irritation

Contact may cause discomfort, lacrimation and redness.

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Respiratory Sensitisation

Not classified as causing skin or respiratory sensitisation.

Skin Sensitisation

Not classified as causing skin or respiratory sensitisation.

Carcinogenicity

Not classified as a carcinogen.

Reproductive Toxicity

Not classified as a reproductive toxin.

STOT - Single Exposure

Over exposure may result in dizziness and nausea.

STOT - Repeated Exposure

Not classified as causing organ damage from repeated exposure.

Aspiration Hazard

Ingestion is considered unlikely due to product form. However, if liquid component is ingested, aspiration into the lungs may cause chemical pneumonitis and pulmonary oedema.

Mutagenicity

Not classified as a mutagen.

Section 12 - Ecological Information

Ecotoxicity

No information provided.

Persistence and degradability

No information provided.

Mobility

No information provided in soil.

Bioaccumulative Potential

No information provided.

Other Adverse Effects

No information provided.

Section 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/supplier for additional information (if required).

Local Legislation

Dispose of in accordance with relevant local legislation.

Section 14 - Transport Information

UN Number

1950

Proper Shipping Name

AEROSOLS

Transport Hazard Class

2.1

Packing Group

None allocated.

Hazchem Code

2YE

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IERG Number

49

Special Precautions for User

GTEPG: 2D1

EmS: F-D, S-U

IATA UN Number

1950

IATA Proper Shipping Name

AEROSOLS

IATA Transport Hazard Class

2.1

IMDG UN Number

1950

IMDG Proper Shipping Name

AEROSOLS

IMDG Transport Hazard Class

2.1

Environmental Hazards

No information provided.

Additional Information

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

LAND TRANSPORT (ADG):

UN Number: 1950

Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

Packing Group: None allocated.

SEA TRANSPORT (IMDG / IMO):

UN Number: 1950

Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

Packing Group: None allocated.

AIR TRANSPORT (IATA / ICAO):

UN Number: 1950

Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

Packing Group: None allocated.

Section 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 Medicines and Poisons (SUSMP).

Classifications: Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7).

Poisons Schedule

Not Scheduled

Australian Inventory of Industrial Chemicals (AIIC)

All components are listed on AIIC, or are exempt.

Section 16 - Any Other Relevant Information

User Codes

User Title Label	User Codes
Wis Numbers	00366473
Wis Numbers	01036953
Wis Numbers	01314517
Wis Numbers	02900204
Wis Numbers	03968204
Wis Numbers	04460206

Signature of Preparer/Data Service

Prepared by: Risk Management Technologies
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Other Information

Revision No: 4.5

AEROSOL CANS may explode at temperatures approaching 50°C.

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.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, 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: form of product; 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 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

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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

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END OF SDS

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