



MATERIAL SAFETY DATA SHEET

Product Name **ELECTRICAL PARTS CLEANER (AEROSOL)**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name CRC INDUSTRIES (AUST) PTY LIMITED
Address 9 Gladstone Road, Castle Hill, NSW, AUSTRALIA, 2154
Telephone (02) 9634 2088
Fax (02) 9680 4914
Emergency (02) 9634 2088
Email info@crcind.com.au
Web Site http://www.crcind.com.au/
Synonym(s) 2019 - MANUFACTURER'S CODE • CRC ELECTRICAL PARTS CLEANER (AEROSOL) • ELECTRICAL PARTS CLEANER
Use(s) AEROSOL DISPENSED • CLEANING AGENT • CLEANING EQUIPMENT • ELECTRICAL CLEANER
SDS Date 01 Apr 2010

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA

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

| | | | | | |
|----------------------|----------------|---------------------|-----|---------------------------|----------------|
| UN No. | 1950 | DG Class | 2.1 | Subsidiary Risk(s) | None Allocated |
| Packing Group | None Allocated | Hazchem Code | 2Y | EPG | 2D1 |

3. COMPOSITION/ INFORMATION ON INGREDIENTS

| Ingredient | Formula | CAS No. | Content |
|---|---------------|---------------|---------|
| 2-METHYLPENTANE | C6-H14 | 107-83-5 | 10-30% |
| NAPHTHA (PETROLEUM), HYDROTREATED HEAVY | Not Available | 64742-48-9 | 10-30% |
| PETROLEUM DISTILLATE(S) | Not Available | Not Available | 30-60% |
| ALCOHOL(S) | Not Available | Not Available | 10-30% |
| CARBON DIOXIDE | CO2 | 124-38-9 | <10% |

4. FIRST AID MEASURES

Eye 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.

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.

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.

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.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

| | |
|---------------------------|--|
| Flammability | Highly flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Vapour may form explosive mixtures with air. 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. |
| Fire and Explosion | 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. |
| Extinguishing | Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. |
| Hazchem Code | 2Y |

6. ACCIDENTAL RELEASE MEASURES

| | |
|-----------------|--|
| Spillage | If cans/containers are punctured (bulk), use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Collect and allow to discharge outdoors. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. |
|-----------------|--|

7. STORAGE AND HANDLING

| | |
|-----------------|--|
| Storage | Store in a cool (< 50°C), dry, well ventilated area, removed from oxidising agents, acids, alkalis, 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. |
| 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. |

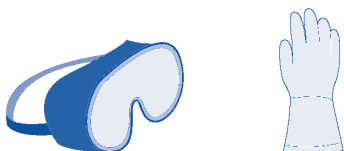
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

| Exposure Stds | Ingredient | Reference | TWA | | STEL | |
|---------------|------------------------------|------------|-------|-------|-------|-------|
| | | | ppm | mg/m3 | ppm | mg/m3 |
| | Carbon dioxide | ASCC (AUS) | 5000 | 9000 | 30000 | 54000 |
| | Carbon dioxide in coal mines | ASCC (AUS) | 12500 | 22500 | 30000 | 54000 |
| | Oil mists | ASCC (AUS) | -- | 5 | -- | -- |

Biological Limits No biological limit allocated.

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. Maintain vapour levels below the recommended exposure standard.

PPE Wear splash-proof goggles and neoprene or nitrile gloves. At high vapour levels, wear: a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------|---|------------------------------|------------------|
| Appearance | CLEAR COLOURLESS LIQUID (AEROSOL DISPENSED, 400G CAN) | Solubility (Water) | SLIGHTLY SOLUBLE |
| Odour | ETHEREAL ODOUR | Specific Gravity | > 1 |
| pH | NOT AVAILABLE | % Volatiles | 100 % |
| Vapour Pressure | 200 mm Hg @ 20°C | Flammability | HIGHLY FLAMMABLE |
| Vapour Density | > 1 (Air = 1) | Flash Point | 10°C |
| Boiling Point | 40°C (Initial) | Upper Explosion Limit | NOT AVAILABLE |

16. OTHER INFORMATION

Additional Information

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.

ABBREVIATIONS:

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

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

CNS - Central Nervous System.

EINECS - European INventory of Existing Commercial chemical Substances.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m³ - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

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

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

TWA/ES - Time Weighted Average or Exposure Standard.

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.

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.

Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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

SDS Date: 01 Apr 2010

End of Report