

MATERIAL SAFETY DATA SHEET

SECTION 01: CHEMICAL PRODUCT

Product Name **CPR**
Chemical Family Not Applicable
Chemical Formula Complex Hydrocarbon Mixture
Material Use Asphalt Rejuvenator
24 Hour Emergency Number 800-424-9300

SECTION 02: COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENTS | % | EXPOSURE LEVELS | C.A.S. # | LD/5D,ROUTE, SPECIES | LC/5D,ROUE, SPECIES |
|------------------------------|----------|------------------------|-----------------|---|----------------------------|
| Aromatic Solvent | 20-40% | 300PPM | 64742-95-6 | RAT/ORAL 4700MG/KG RAT/DERML>4.0 ML/KG RAT/NH>3670 PPM 4HR | |
| Coal Tar Pitch | 40-60% | 0.2MG/M3 | 65996-93-2 | | |
| Aromatic Oils | 5-15% | 0.2MG/M3 | 65996-91-0 | | |

SECTION 03: HAZARDOUS IDENTIFICATION

Potential Health Effects
Route of Entry See Effects of Acute Exposure
Effects of Acute Exposure
Eye Contact Can cause sever Irritation and swelling of eye tissues (Conjunctivitis) and corneal burns. May cause permanent eye damage if contact not eliminated immediately.

Ingestion May cause moderate irritation to the respiratory tract.

Inhalation May cause moderate irritation to the respiratory tract. May effect the central nervous system.

Skin Absorption Not absorbed through skin.
Skin Contact May cause drying, cracking, or inflammation of the skin. Prolonged or repeated contact may cause irritation and/or dermatitis.

Effects of Chronic Exposure None Known

SECTION 04: FIRST AID MEASURES

Skin Contact Remove from skin by washing thoroughly with soap and water.

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| Inhalation | Baby oil is helpful in removing residual material. <u>Burns-Do Not</u> attempt to remove asphaltic material. Seek medical attention immediately. |
| Ingestion | Remove victim to fresh air. If breathing has stopped properly trained personnel should begin artificial respiration. Get medical attention immediately. |
| Eye Contact | If ingested, consult a physician. |
| Note to Physicians | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Consult physician if irritation continues. |
| Additional Information | N/A Not Available |

SECTION 05: FIRE FIGHTING MEASURES

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| Flash Point (C) Method | >50° C |
| Auto Ignition Temperature (° C) | Not Available |
| Upper Flammable Limit (%VOL) | 7.0 |
| Lower Flammable Limit (% VOL) | 1.0 |
| Extinguishing Media | Carbon Dioxide, Foam, Dry Chemical, Water, Fog |
| Hazardous Combustion Products | Carbon Dioxide, Sulphur Dioxide |
| Sensitivity to Mechanical Impac | Not Available |
| Sensitivity to Static Discharge | Not Available |

SECTION 06: ACCIDENTAL RELEASE MEASURES

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| Leak/Spill | Contain the spill. Eliminate all sources of ignition, absorb residual material with sand, and/or other absorbent material, or recover using electrically grounded explosion proof pumps. |
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SECTION 07: HANDLING STORAGE

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| Handling Procedures | Avoid skin and eye contact. Equipment must be grounded |
| Storage Needs | Keep containers closed when not in use. Store containers in a cool area. Containers must be grounded. Store away from oxidizing materials and all sources of ignition. |

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Protective Equipment | |
| Eye/Type | Splash proof chemical goggles or 8" shield. |
| Respiratory/Type | Not required under normal conditions. In closed areas, wear approved air purifying respirator for dust/fumes/mist and organic vapors or supplied air respirator. |
| Gloves/Type | Do not wear natural rubber or polyvinyl chloride gloves. |
| Clothing/Type | Long sleeve, loose fitting clothing, closed at the neck and tight fitting at the wrist. Have contaminated clothing washed before reuse |
| Footwear/Type | Safety boots per local regulations. |
| Other Type | NA |
| Ventilation Requirements | Mechanical ventilation recommended in enclosed areas. |

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|------------------|
| Appearance | |
| Physical State | Liquid |
| Odor | Hydrocarbon Odor |
| Odor Threshold | Not Available |
| Specific Gravity | >1.03 |
| Vapor Pressure (mmHg) | Not Available |
| Vapor Density (AIR=1) | >1 |
| Evaporation Rate | Not Available |
| Boiling Point (deg C) | >133 °C |
| ph | Not Available |
| Solubility in Water(%W/W) | Negligible |
| Coefficient of Water/Oil | Not Available |
| Distribution Freezing Point °C | Not Available |
| Melting Point °C | Not Available |
| Molecular Weight | Not Available |

Product : CPR - 100

SECTION 10: STABILITY AND REACTIVITY

| | |
|-------------------------------------|--|
| Hazardous Polymerization | Not Applicable |
| Stability | Keep away from heat, sparks, open flames |
| Incompatibility | Incompatible with strong acids, strong bases, strong oxidizing agents. |
| Reactivity Conditions | May ignite if over heated or in the presence of strong oxidizers |
| Hazardous Products of Decomposition | Carbon Monoxide, Carbon dioxide, sulphur dioxide |

SECTION 11: TOXICOLOGICAL INFORMATION

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|------------------------------------|---|
| Irritancy of material | Refer to route of entry |
| Sensitizing Capability of Material | None known |
| Carcinogenicity of Material | Petroleum fraction includes many naturally occurring polycyclic aromatic hydrocarbons (PAH's). Certain species of PAH's have been implicated in the incidence of skin cancer in test animals. |
| Teratogenicity | None known |
| Mutagenicity | None known |
| Reproductive Effects | None known |
| Synergistic Materials | None known |

SECTION 12: ECOLOGICAL INFORMATION

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|-------------------------------|---------------|
| Environmental | Not Available |
| Ectotoxicological Information | Not Available |

Biodegradability

Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose with absorbent material in accordance with regulatory laws. Waste management priorities (depending on volumes and concentration of waste) are;

1. Recycle (reprocess)
2. Energy Recovery (cement kilns, thermal power Generation),
3. Incineration
4. Disposal at licensed waste facility.

Do not attempt to combust waste on-site. Incinerate at a Licensed waste disposal site with approval of environmental authority.

SECTION 14: TRANSPORT INFORMATION

N A

1993 III

T.D.G. Classification

3

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

Hazardous Material Identification System Classification
Health-2, Flammability-2, Reactivity-0.

International Regulations

Not regulated

State Regulations

Not regulated

WHMIS Classification

B3, D2A

CPR Compliance

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made to the information contained herein.

Manufactured by:

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