

1. Product and Company Identification

www.rxmarine.com

Product Name Coal Tar Cleaner
Part Number RXSOL-16-1004-025

Company Details :

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Gangavaram, Kolkata, Fujairah. Muscat, Kanya, Canada

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2. Composition / Information on ingredients

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COMPONENTS- CHEMICAL NAMES AND COMMON NAMES	CAS Number	SARA III LIST	Applicable PEL-OSHA	Exposure Limits TLVACGIH	Carcinogen Ref. Source **
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)					
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	Yes	25	25	d
MONOCHLOROTOLU ENE (MIXED ISOMERS)	25168-05-2	No	N/E	N/E	d
ORTHO ISOMER	95-49-8	No	N/E	50	d
PARA ISOMER	106-43-4	No	N/E	N/E	d
SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC	64742-94-5	No	N/E	N/E	d

3. Hazards Identification

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PRIMARY ROUTES OF ENTRY: ACUTE EFFECTS

INHALATION, INGESTION, SKIN ABSORPTION, EYE

Systemic: CNS depression producing headache, dizziness, numbness, loss of consciousness.

Inhalation:

Irritation of upper respiratory tract. Exposure to high concentrations may cause systemic toxicity. Aspiration into lungs can cause chemical pneumonitis

Eye Contact:

Irritation.

Skin Contact:

Dermal irritation & dermatitis attributable to defatting of skin.

Ingestion:

Irritation of gastrointestinal tract. See also systemic effects above

CHRONIC EFFECTS:

Chronic exposure to high concentrations may cause some liver or kidney dysfunction

Medical Conditions Generally Aggravated by Exposure:

Liver or kidney disease. May aggravate pre-existing irritation.

4. First Aid Measures

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Eye Contact:	Flush with water for 15 minutes. Get medical attention.
Skin Contact:	Flush skin with water then wash with soap and water. If irritation occurs, get medical attention.
Inhalation:	Remove to fresh air. If not breathing, administer artificial respiration. Get medical attention.
Ingestion	DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration.

5. Fire-fighting Measures

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FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)	N/A
Auto Ignition Temperature	N/Auto Ignition TemperatureE N/D
Flammability Limits in Air by % in Volume:	
% LEL:	N/D
% UEL:	N/D
FLASH POINT AND METHOD USED (non-aerosols):	141°F (TCC)
SPECIAL FIRE FIGHTING PROCEDURES:	Burning product may give off noxious & toxic fumes. Firefighters should wear NIOSH approved self-contained breathing apparatus.
EXTINGUISHER MEDIA:	Water fog, foam, dry chemical or CO2. Burning product may float on water.
Unusual Fire & Explosion Hazards:	Burning product may float on surface of water and spread fire to other areas.

6. Accidental Release Measures

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PERSONAL PRECAUTIONS	Avoid contact with skin and eyes. Provide eyewash bottle with clean water. For personal protection, see section 8.
ENVIRONMENTAL PRECAUTIONS	Do not allow to enter drains, sewers or watercourses. If substance has entered a water course or sewer or contaminated soil or vegetation, advise the appropriate authorities.
SPILL CLEAN UP METHODS	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Contact waste disposal services.

7. Handling and Storage

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Steps To Be Taken If Material Is Spilled Or Released:	Do not allow large spills to contaminate sewers, ground or surface waters. Contain spill & soak up in inert absorbent material. Place in leak-proof containers for proper disposal.
Waste Disposal Methods:	Dispose of in accordance with all local, state and federal regulations
Precautions To Be Taken In Handling & Storage:	Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold
Other Precautions &/or Special Hazards:	KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not cut, weld or drill on drums whether full, part full or empty.

8. Exposure controls and personal protection

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Respiratory Protection (specify type):	None required under normal conditions of handling and use.
Protective Gloves:	Solvent resistant
Eye Protection:	Chemical goggles.
Ventilation Requirements:	Special ventilation not normally needed. If required to maintain concentrations below specified levels use explosion proof ventilation.
Other Protective Clothing & Equipment:	Solvent resistant, as needed. Eyewash station and safety shower
Hygienic Work Practices:	Do not eat, drink or smoke in work area. Wash hands after handling.

9. Physical and chemical properties

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Physical Properties	Clear Liquid
Odour	Hydrocarbon
Boiling Point:	180°C
Specific Gravity (H ₂ O=1):	0.85-0.91
Vapor Pressure:	902 hPa at 20°C
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):	N/D
Vapor Density (Air = 1):	>1
Evaporation Rate (BUAC = 1):	