

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-16-1690-025  
Product Type Klin Kot

### Company Details:

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

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Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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### Principal Ingredient:

Com pone nt	OSHA PEL	ACGIH TLV	NIOSH REL	NIOSH C arcinogen				
-----	TW	STE	TW	STE	TW	STE	IDL	-----
---	A	L	A	L	A	L	H	---
Mine	5	Non	5	10	Non	Non	Non	Non
ral	mg/	e	mg/	mg/	e	e	e	e
Oil	m3	Esta	m3	m3	Esta	Esta	Esta	Esta
Blen	(oil	blish	(oil	(oil	blish	blish	blish	blish
d	mist)	ed	mist)	mist)	ed	ed	ed	ed
Conc								
entra								
te								

The above information is for KLEEN KOTE Concentrate.

The product is not formulated to be used in a concentrated form. At the strongest recommended mix ratio of 8 parts water to 1 part KLEEN KOTE the mix is 87.5% water.

## 3. Hazards Identification

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HMIS	***** EMERGENCY OVERVIEW *****	HMIS
HEALTH 1	This product is not expected to cause a severe emergency hazard.	HEALTH 1
FLAMMABILITY 0		FLAMMABILITY 1
PHYSICAL HAZARD 0		PHYSICAL HAZARD 0

**Potential Health Effects:** See Section 11 for complete toxicological information.

### Inhalation:

Inhalation of vapors or mist may be irritating to respiratory passages. Tard for mineral oil mist is lungs. Prolonged exposure may result in dizziness a

### Eye:

Eye contact may result in slight irritation and redness.

### Skin:

Short term contact with skin is unlikely to cause any problems; excessive prolonged and repeated contact and poor hygiene conditions may result in

**Ingestion:**

**Carcinogenicity:**

**Mutagenicity:**

dermatitis, erythema, oil acne, cracking and defatting of the skin.

May result in nausea or stomach discomfort.

Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling. Meets EU requirements of less than 3% (w/w) DMSO and total polycyclic aromatic compound (PAC) using IP 346. NTP and OSHA do not list this product as a potential carcinogen.

This product gives negative mutagenic results from Modified Ames Assay.

## 4. First Aid Measures

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**Eye Contact:**

Flush with water for at least 15 minutes. If irritation develops, contact a physician.

**Skin Contact:**

Wash skin thoroughly with mild soap and water. Remove contaminated clothing. Seek medical attention if irritation develops. Launder articles before reuse. Do not reuse saturated articles that cannot be cleaned thoroughly.

**Inhalation:**

Remove exposed person to fresh air if adverse effects are observed. Seek medical help if necessary.

**Aspiration:**

If there is suspicion of aspiration into the lungs obtain medical advice.

**Ingestion:**

Do NOT induce vomiting. If conscious, give two glasses of water. Seek medical help immediately!

**Notes to Physician:**

Treat symptomatically.

## 5. Fire-fighting Measures

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**Flash Point:**

>325 °F (>163 °C)

**Flash Point Method:**

NA

**Burning Rate:**

Not Available

**Auto Ignition Temperature:**

>600 °F (>315 °C)

**Lower Explosive Level:**

Not Determined

**Upper Explosive Level:**

Not Determined

**Flammability Classification:**

OSHA Class III-B Combustible Liquid

**Extinguishing Media:**

Halon, CO<sub>2</sub>, Dry Chemical, Foam, Water Spray or Water Fog. Water below flash point.

**Unusual Fire or Explosion Hazards:**

Do not use forced stream as this could cause fire to spread.

**Combustion Products:**

Fumes, smoke and carbon monoxide.

**Fire Fighting Instructions and Equipment:**

Water may cause splattering. Use water to cool containers exposed to fire. Fire fighters should wear proper protective equipment and respiratory protection (positive pressure if available).

## 6. Accidental Release Measures

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Personal Protective Equipment must be worn, see Personal Protection Section 8 for PPE recommendations.

**Spill / Leak Procedures:**

Spill area will be slick. Stop spill at source if possible. Contain spill. Ventilate area if spilled in confined spaces. Residual liquid can be adsorbed by inert material. Dispose of in accordance with all Federal and State regulations. Contact Environmental Response Center at 800.424.8802.

**Spill to Navigable Waters:**

If this material is spilled into navigable waters and cannot be contained, contact Environmental Response Center at 800.424.8802.

## 7. Handling and Storage

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### General Handling Procedures:

Keep containers closed when not in use. Keep away from flames. Do not use a torch to cut or weld on or near containers. Wash thoroughly after handling. Empty containers contain product residue and should be treated as product. Maximum handling temperature has not been determined.

### Storage Procedures:

Do NOT store near potential sources of ignition. Rotate stock. Store containers at ambient temperatures and it should remain stable. Do not store contaminated. Do NOT store at temperatures greater than 100°F. Maximum storage temperature has not been determined. NFPA Class III-B storage.

### Work / Hygienic Practices:

Wash hands with soap and water before eating, drinking, smoking, or using rest facilities. Do not use gasoline, solvents, kerosene or other hydrocarbons or cleaners for washing exposed skin areas. Take a shower after work. Launder articles before reuse and discard saturated articles.

## 8. Exposure controls and personal protection

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### Ventilation Procedures:

Use with adequate ventilation.

### Gloves Procedure:

As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.

### Eye Protection:

Safety Glasses

### Respiratory Protection:

Not normally needed. Use NIOSH/MSHA approved respirator with a charcoal cartridge if the recommended exposure limit is exceeded.

### Clothing Recommendation:

Long sleeve shirt is recommended. Use chemically protective boots which avoid contaminating shoes. Do NOT wear rings, watches or similar accessories which entrap the material and cause a skin reaction.

## 9. Physical and chemical properties

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<b>Loading Temperature:</b>	Not Determined
<b>Flash Point:</b>	>325 °F (>163 °C) Cleveland Open Cup (Min.)
<b>Specific Gravity (H2O=1):</b>	@ 600F - 0.90
<b>Boiling Point:</b>	Not Determined
<b>Vapor Pressure:</b>	Not Determined
<b>Percent Volatile:</b>	Nil (LVP-VOC)
<b>Vapor Density (Air=1):</b>	> 5
<b>Odor and Appearance:</b>	Amber liquid with a mild odor.
<b>Molecular Weight:</b>	Not Determined
<b>pH:</b>	Not Determined
<b>Water Solubility:</b>	Dispersible
<b>Freezing Point:</b>	Not Determined
<b>Evaporation Rate:</b>	Not Determined
<b>Viscosity:</b>	100 SUS @ 100°F (19 cSt @ 40°C)
<b>Odor Threshold:</b>	Not Determined
<b>Physical State:</b>	Liquid

## 10. Stability and reactivity

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### Stability:

This material is normally stable at moderately elevated temperatures and pressures. Avoid sources of ignition.

<b>Decomposition Temperature:</b>	Not Determined.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Thermal Decomposition:</b>	Smoke, carbon monoxide, aldehydes and other products of incomplete combustion.
<b>Incompatibility:</b>	Strong acids, Strong alkalis, Oxidizing agents.

## 11. Toxicological information

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<b>Eye Effects:</b>	Minimal irritation possible on contact. Does not meet Canadian D2B or EU criteria. Based on data from components or similar materials.
<b>Skin Effects:</b>	Not expected to be a primary skin irritant. Not expected to meet EU R38 criteria. Based on data from components or similar materials. Prolonged or repeated contact, as from wet clothing, may cause drying, defatting of skin and dermatitis.
<b>Respiration Irritation:</b>	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
<b>Dermal Sensitization:</b>	No data available to indicate product or components may be a skin sensitizer.
<b>Inhalation Sensitization:</b>	No data available to indicate product or components may be a respiratory sensitizer.
<b>Exposure Limits:</b>	Contains mineral oil. Under conditions which may generate mists, observe OSHA PEL of 5mg per cubic meter, ACGIH STEL of 10mg per cubic meter.
<b>Chronic Toxicity:</b>	No data available to indicate product or components present at greater than 0.1% are chronic health hazards.
<b>Dermal Toxicity:</b>	Rabbit: LD50>2000 mg/kg. Based on data from components or similar materials.
<b>Inhalation Toxicity:</b>	Not expected to be a toxic inhalation hazard. Based on data from components or similar materials.
<b>Oral Toxicity:</b>	Rat: LD 50>5000mg/kg. Based on data from components or similar materials.
<b>Reproductive Toxicity:</b>	No data available to indicate either product or components present at greater than 0.1% may cause reproductive toxicity.
<b>Carcinogenicity:</b>	This material is formulated with mineral oils which are considered to be severely refined and are not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by IP 346 test.
<b>Mutagenicity:</b>	No data available to indicate either product or components present at greater than 0.1% are mutagenic or genotoxic.
<b>Teratogenicity:</b>	No data available to indicate either product or components present at greater than 0.1% may cause birth defects.

## 12. Ecological information

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<b>Freshwater Fish Toxicity:</b>	Not Determined
<b>Biodegradation:</b>	Not Determined
<b>Saltwater Fish Toxicity:</b>	Not Determined
<b>Soil Mobility:</b>	Not Determined
<b>Miscellaneous Toxicity:</b>	Not Determined
<b>Bioaccumulation:</b>	0.1-1% of the components display no potential to bioconcentrate
<b>Algal Inhibition:</b>	Not Determined
<b>Freshwater Invertebrates Toxicity:</b>	96 hr. acute static toxicity for Pimephales promelas (Fathead Minnow) LC50 mortality is greater than 30,000 mg/L
<b>Bacteria Toxicity:</b>	Not Determined
<b>Ecotoxicity:</b>	Available data indicate this product is not acutely toxic.

## 13. Disposal considerations

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### Waste Disposal:

This material, if discarded, is not a hazardous waste under RCRA Regulation CFR 261 if not contaminated. Follow Federal, State and Local regulations. Do not flush to drain or storm sewer. Contact authorized disposal service. Consider recycling.

## 14. Transport information

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### U.S. Shipping Information:

**Regulation by: D.O.T.:** Non-Hazardous. Not regulated by DOT  
**H.S. Tariff #:** 3403.19.0000  
**Schedule B #:** 3403.19.0000  
**Shipping Class:** 55  
**N.M.F.C.#:** 48580 - Sub 3 - Cleaning, Scouring or Washing Compounds  
Not regulated under Transportation of Dangerous Goods Act.

### Canadian Shipping Information:

### Other:

**Not Regulated:** ICAO/IATA, IMDG (ambient), U.S. DOT Bulk, TDG Bulk (ambient), TDG Non-Bulk, Mexico, ADR/R  
**Not Determined:** IMDG (elevated), IMO Marine Bulk, USCG (elevated), TDG Bulk (elevated), ADR/RID (elevated), ADG  
IMDG EMS, IMDG MFAG

## 15. Regulatory information

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### U.S. TSCA Inventory:

All components of this material are on the US TSCA Inventory.

### SARA Extremely Hazardous Substances:

This product does not contain greater than 1% of any chemical substance on the SARA Extremely Hazardous Substances list.

### SARA Section 313:

This product does not contain greater than 1% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

### TDG Regulated Limits:

None Known

### CERLA Hazardous Substances:

None Known

### V.O.C. Compliant:

Yes

### Australia:

All components are in compliance with chemical notification requirements in Australia.

### Canada:

All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

### China:

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

### EU EINECS:

All components are in compliance with the EC Seventh amendment Directive 92/32/EEC. No known R-Phrases or S-Phrases.

### Japan:

All components are in compliance with the Chemical Substances Control Law of Japan

### Korea:

All components are in compliance in Korea.

### Philippines:

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

### Switzerland:

All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

### California Proposition 65:

This product is not known to contain any chemicals known the State of California to cause cancer or birth defects. However, we do not conduct routine analysis for all listed materials.

### Florida:

None Present.

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<b>Illinois DOL TSL:</b>	None Present.
<b>Massachusetts RTK:</b>	None Present.
<b>Minnesota RTK:</b>	None Present.
<b>New Jersey RTK:</b>	List petroleum oil, but this product does not contain hazardous ingredients.
<b>Pennsylvania RTK:</b>	List petroleum oil, but this product does not contain hazardous ingredients greater than 3%.

## 16. Other information

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