

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-16-2697-005  
Trade Name RXSOL Active SK COIL Cleaner PINK

CHEMICAL Name ::: Mixture of Hydroflouric, phosphric acid less then 15% and Non Hazardous Ingredients more then 70%

Company Details: A subsidiary Division of RX MARINE INTERNATIONAL ( INDIA )

### DUBI CHEM MARINE INTERNATIONAL

Plot No- 37 A, BLOCK - " L"  
AL HAYL Industrial Area  
PO BOX No - 9395  
FUJAIRAH , UAE  
Email ::: dubichem@rxmarine.com

## 2. Composition / Information on ingredients

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Proprietary Blend Of Surfactant non hazardous ingrident Bio degradable with hydrofloric and phosphoric acid to clean COIL of AC

	CAS Registry No.	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Hydrofluoric Acid	7664-39-3	3 ppm as F	3 ppm (C) as F	6 ppm as F	< 15
Phosphoric Acid	7664-38-2	1 mg/m3	1 mg/m3	(STEL) 3 mg/m3	< 15
Non Hazardous Ingredients	Proprietary Blend of RICE BRAN derivative ::: 30 % WATER :::20 % LABSA Bio :::10% Alcohol ::: 10% Colour Pigments	-----	-----	-----	

## 3. Hazards Identification

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INHALATION:	Inhalation of vapor or mist is corrosive to respiratory tract. Symptoms include coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting.
EYE CONTACT	Liquid , irritating to eyes. Immediate irritation followed by destruction of tissue
SKIN CONTACT	Use gloves. Dont directly on naked skin
INGESTION:	moderately toxic, causes nausea, vomiting, loss of consciousness
CHRONIC Effects	Damage to kidneys and liver .Changes in bones or joints

## 4. First Aid Measures

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INHALATION:	Ensure the victim's clothing or skin has not been contaminated by the product. Remove the victim to fresh air. If breathing has stopped, begin artificial respiration. Call ambulance immediately for assistance
EYE CONTACT:	Flush eyes with water for 15 minutes with copious cool flowing water. If contact with skin is affected, be careful not to flush contaminated water into the other eye

	head in the direction of the affected eye while flushing. Take the victim to a medical facility immediately, and apply ice water compress during transport.
SKIN CONTACT:	Move the victim immediately under an emergency shower or other water source. Flush the affected area with large amounts of cool running water. Immediate washing off the acid is of primary importance. Remove all contaminated clothing while flushing with water. If there is a large area of exposure, arrange for medical assistance while the victim is being rinsed with water. Immediately after flushing with water, begin massaging calcium gluconate gel into the burn. Repeat the gel every 15 minutes and massage until pain/redness resolves or until medical assistance is available. The first aider should wear gloves when applying the gel to prevent transfer of the acid.
INGESTION:	Do not induce vomiting. Rinse mouth out with water. Call an ambulance for assistance

## 5. Fire-fighting Measures

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FLASHPOINT (TEST METHOD):	None
FLAMMABLE LIMITS:	
LOWER:	NA
UPPER:	NA
GENERAL HAZARD:	NA
FIRE FIGHTING INSTRUCTIONS: .	Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side. Firefighters wear protective clothing and self-contained breathing apparatus
EXTINGUISHING MEDIA:	Dry powder, carbon dioxide (CO <sub>2</sub> ), water fog or spray
HAZARDOUS COMBUSTION PRODUCTS: .	Smoke, irritating vapors, toxic fumes of PO <sub>x</sub> , and corrosive F fumes, CO, CO <sub>2</sub>

## 6. Accidental Release Measures

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LAND SPILL: Emergency response coordinator must have mandated training. Eliminate all ignition sources.

SMALL SPILLS: Pick up with absorbent materials and place in non-leaking containers; seal tightly for proper disposal or reuse.

LARGE SPILLS: Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if safe to do so.

Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels.

WATER SPILL: Notify proper authorities.

Clean up leaks/spills immediately to prevent soil or water contamination.

## 7. Handling and Storage

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HANDLING: Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section IV. Launder contaminated clothing before reuse.

STORAGE: Store away from food stuffs, alkaline materials

## 8. Exposure controls and personal protection

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PERSONAL PROTECTION: If TLV is exceeded wear NIOSH approved respirator. Use heavy rubber type gloves, full-face shield and boots, aprons,

## 9. Physical and chemical properties

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VAPOR PRESSURE:	ND
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	1.15
SOLUBILITY IN WATER:	Complete
pH:	NA
BOILING POINT:	212 F
APPEARANCE & ODOR:	Pink liquid, pungent odor
VAPOR DENSITY (Air=1):	>1
EVAPORATION RATE (BuAc=1):	>1
VOC:	0%
FREEZING POINT:	ND

## 10. Stability and reactivity

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STABILITY:	Stable
CONDITIONS TO AVOID:	High temperatures
MATERIALS TO AVOID:	Alkaline materials may react with metals to produce gas.
HAZARDOUS DECOMPOSITION PRODUCTS:	Corrosive F fumes, toxic PO <sub>x</sub> fumes, from combustion -smoke, CO, CO <sub>2</sub>
HAZARDOUS POLYMERIZATION:	Will not occur

## 11. Toxicological information

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Phospho LDLo: 220 mg/kg (unr - man)  
 LD50: 1230 mg/kg (oral - rat)  
 LD50: 2140 mg/kg (skin - rat)

## 12. Ecological information

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NA

## 13. Disposal considerations

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Dispose according to all local, state and federal regulations

## 14. Transport information

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PROPER SHIPPING NAME:	Coil Cleaning Liquid
IDENTIFICATION NUMBER:	UN3264
DOT Emergency Guide #:	154

Reportable Quantity (RQ):

Not applicable

## 15. Regulatory information

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CERCLA (Comprehensive Environmental Response, Compensation and Liability Act): Reportable quantity is 100 pounds HF. Contact local authorities for other reporting requirements.

CALIFORNIA PROPOSITION 65: Not listed.

## 16. Other information

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