Product Name RXSOL-16-3743-0264
Product Type Cleaning Agent AF

Company Details:

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

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Email <u>mail@rxmarine.com</u>

2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	%	Dimension	Exposure Limits
Ammonium Ri Fluorida	1343-49-7	60%	w/w	NA
Sodium Bicarbonate	144-55-8	20%	w/w	NA
Calcium Carbonate	471-34-1	20%	w/w	NA

3. Hazards Identification

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May be fatal if inhaled, swallowed or absorbed thru the skin. Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.

Emergency Overview:Danger! May be fatal if swallowed or inhaled. Early symptoms include nausea, vomiting, diarrhea, and weakness. Later effects include central nervous system effects, cardiovascular effects, and death. Affects respiratory system, heart, skeleton, circulatory system, central nervous system and kidneys. Causes irritation and burns to skin, eyes and respiratory tract. Irritation and burn effects may be delayed. Harmful if absorbed through skin.

Inhalation: May Cause Irritation and Burns to the Respiratory Tract; Symptoms May Include Coughing, Sore Throat, and Labored Breathing. Irritation and Burning Effects May Not Appear Immediately.

Ingestion:May cause Salivation, Nausea, Vomiting, Diarrhea, and Abdominal Pain, Followed by Weakness, Tremors, Shallow Respiration, Cardopedal Spasm, Convulsions, and Coma. May Cause Brain and Kidney Damage. Death May Caused by Respiratory Paralysis. Affects Heart and Circulatory System.

Skin: Causes Severe Irritation and Possibly Burns to the Skin. May be Absorbed through the Skin. Effects may not Appear Immediately.

Eye Contact: Causes Irritation. May be Extremely Irritating with Possible Burns to Eye Tissue and Permanent Eye Damage may Result.

Chronic Exposure: Chronic Exposure may Cause Mottling of Teeth and Bone Damage(osteosclerosis) and luorosis. Symptoms of Floursis Include Brittle Bones; Weight Loss, Anemia, Calcification of ligaments, eneral ill Health and Joint Stiffness.

Aggravated by Exposure:Populations that Appear to be at increased Risk from the Effects of Fluoride are Individuals that Suffer from Diabetes insipidus or some forms of Renal Impairment.

4. First Aid Measures

	Remove contaminated clothing. Wash exposed area with soap and water. if irritation persists, seek medical attention. Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.			
	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.			
sures		www.rxmarine.com		
	Any norm within the entireption or second of the $\ensuremath{\mathcal{C}}$			
None Known **The analysis of control branching appears and present and adding to present action and all and addings.				
se Measures		www.rxmarine.com		
n place in a chemical waste con	ntainer. Dispose of in a manner consistent with feder	eral, local law.		
Absorb Material with Paper To oill Area with Sodium or Calciu	owel and Place in a Closed Contain for recovery or our many many many many many many many many	disposal Do Not Flush to Sewer!		
rage		www.rxmarine.com		
s and personal pr	otection	www.rxmarine.com		
	None required Local Mechanical			
Protective Gloves EYE PROTECTION		Gloves to prevent skin exposure as rubber or vinyl		
	Wear appropriate clothing to skin exposure	o prevent		
mical properties		www.rxmarine.com		
No estable No estable Crystal Not flammable	Mensation are shallow			
	Spill. Allow Only Qualified F Absorb Material with Paper To bill Area with Sodium or Calciu Excess of Reportable Quantities Trage s and personal pr mical properties Number Crystal Not flammable	water, if irritation persists, seek medical attent Wash eyes with plenty of water for at least 1 occasionally. Seek Medical Aid. Remove to fresh air. If not breathing, give as breathing is difficult, give oxygen If swallowed, induce vomiting immediately at of water. Never give anything by mouth to an u sures None Known None K		

Specific Gravity

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Solubility in Water Soluble

10. Stability and reactivity

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STABILITY

CONDITIONS TO AVOID

see incompatibilities

MATERIALS TO AVOID

HAZARDOUS DECOMPOSITION

PRODUCTS

HAZARDOUS POLYMERIZATION Will not occur

Conditions to Avoid None known

11. Toxicological information

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Carcinogenic References: IARC Category 2 None, NTP Carcinogen - Known: No

12. Ecological information

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Environmental Fate: No Information Found.

Environmental Toxicity: This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l.

13. Disposal considerations

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What ever cannot be Saved for Recovery or Recycling should be Managed in an Appropriate and Approved Waste Facility. Dispose of Container and Unused Contents in Accordance with Federal, State, and Local Requirements.

14. Transport information

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This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

UN No: NA

15. Regulatory information

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Chemical Inventory Status
Part 1:Ingrdient Ammonium BiFluoride (1341-49-7)
TSCA Yes
EC Yes
Japan YES
Australia Yes

Chemical Inventory Status ?

Part 2:Ingredient

Ammonium BiFluoride (1341-49-7)

Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations [2]

Part 1: Ingredient.

Ammonium BiFluoride (1341-49-7)

RQ No TPQ No List NO Chemical Catg: No

Federal, State &

International Regulations ?

Part 2:Ingredient

Ammonium BiFluoride (1341-49-7)

CERCLA NO 261.33 No 8(d) No

Chemical Weapons Convention: No

TSCA 12 (b):No

CDTA:No PURE crystal SARA 311/312: Acute: YES

Chronic: YES Fire: No Pressure: No Reactivity: No

Australian Hazchem Code: 2X Poison Schedule: None allocated

16. Other information

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Danger! May be fatal if swallowed or inhaled. Early symptoms include nausea, vomiting, diarrhea and weakness. Later effects include central nervous system effects, cardiovascular effects and death. Affects respiratory system, heart, skeleton, circulatory system, central nervous system and kidneys. Causes severe irritation to tissues of the mucous membranes, upper respiratory tract, eyes and skin. Persons with pre existing eye, skin or respiratory conditions may be more susceptible. Ingestion may cause tremors, shallow respiration, convulsions and coma. May cause brain and kidney damage. Death may be caused by

Revisions NFPA

7/30/2010 0.1 updated msds to 16 section from 10 section msds. STN

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