

## 1. Product and Company Identification

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Product Name Ultrasonic Instrument Cleaning Solution 112  
Part Number RXSOL-10-3006-002

### Company Details:

RXSOL CHEMO PHARMA INTERNATIONAL  
356 TTC INDUSTRIAL AREA MIDC PAVNE ,  
NEW BOMBAY 400709 INDIA

Phone +91 22 20871200 - 1400  
Fax +91 22 27612100 ::AOH :0091 9821214367  
Email 123@rx-sol.com  
Website www.rx-sol.com

## 2. Composition / Information on ingredients

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Chemical Name	Cas No	Whight
Mineral Spirits Regular	4719-04-4	60-65 %
Solvent Naphtha Light Aliphatic	64742-89-8	15-20 %
Oleic Acid	112-80-1	5-10 %
Isopropanolamine	78-96-6	1 ½ %
2 Propoxyethanol	2807-30-9	1 ½ %
Ammonium Hydroxide	1336-21-6	1 ½ %

## 3. Hazards Identification

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Signal Word	Warning
Acute Eyes	Direct contact causes irritation, redness and possible tearing.
Acute Skin	Prolonged or repeated contact causes redness, and drying of the skin..
Acute Inhalation	Breathing high concentrations of vapors or mists may cause irritation to the nose and may cause drowsiness.
Acute Ingestion	Not known, but expected to cause nausea and diarrhea.
Chronic Effects	This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogen.

## 4. First Aid Measures

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Eye Exposure	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.
Skin Exposure	Wash thoroughly with water. If irritation or redness develops, seek medical attention.
Inhalation	If respiratory irritation or distress occurs, move victim to fresh air. Seek medical attention if respiratory irritation or distress continues.
Ingestion	Seek immediate medical attention. DO NOT INDUCE VOMITING.

## 5. Fire-fighting Measures

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Suitable extinguishing media	Extinguish with dry chemical, CO <sub>2</sub> or a BC/ABC extinguisher.
Unsuitable Extinguishing Media	Do not use a solid stream of water, since the stream will scatter and spread the fire.
Special Fire Fighting Procedures	Wear full protective clothing and self-contained breathing apparatus (SCBA) approved for fire fighting.
Unusual Fire and Explosion Hazards	Closed containers may explode due to build up of pressure when exposed to extreme heat.
Hazardous Decomposition Materials	under fire conditions) Oxides of nitrogen and carbon.

## 6. Accidental Release Measures

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Cleanup and Disposal of Spill	Ventilate area of spill. Use non-reactive material to pick up spill. Dispose of in accordance with local, state and federal regulations.
Environmental and Regulatory Reporting	Not required

## 7. Handling and Storage

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Minimum/Maximum Storage Temperatures	39 to 100 o F.
Handling	AVOID CONTACT WITH SKIN, EYES OR CLOTHING

## 8. Exposure controls and personal protection

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General	These recommendations provide general guidance for handling of this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. When developing safe handling procedures, do not overlook the need to clean and dispose of the material. Waste resulting from the use of this product should be handled in accordance with Section 13: Disposal Considerations.
Exposure Guidelines	Exposure limits are recommended worker breathing limits. The following limits apply to this material: INGREDIENTS LIMITS I NGREDIENTS LIMITS Mineral Spirits 100 ppm OSHA/ TWA 2 Propoxyethanol 2 mg /m <sup>3</sup> ACGIH TWA Solvent Naphtha 300 ppm OSHA/ ACGIH TWA Ammonium Hydroxide 50 ppm (as ammonia) Oleic Acid None established Isopropanolamine PEL Proposed 7.3 mg/m <sup>3</sup>
Engineering Controls	Provide adequate room ventilation.
Respiratory Controls	For reasonable uses of this material, respiratory protection should not be necessary.
Eye/Face Protection	Safety glasses to protect from splashing.
Skin Protection	Wear Rubber or plastic gloves to avoid drying and irritation to the skin
Work Practice Control	Normal hygiene in the work area should be taken when working with or handling this product.

## 9. Physical and chemical properties

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Physical state	No data available
Colour	No data available
Odour	No data available
Chemical Stability	Stable
Conditions to be avoided	Keep away from heat and open flames

Materials/Chemicals to be avoided	Strong Acids, strong Oxidizing Agents
Hazardous Decomposition Products	Thermal Oxides of carbon and nitrogen
Possibility of Hazardous Reactions	WILL NOT OCCUR
Flammability (solid, gas)	No data available
Explosive limits	No Data Available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Density	No data available
Vapor pressure	No data available
Vapor Density	Not applicable
Relative Density	No data available
Specific Gravity	No information available
Partition coefficient	No data available
Explosive properties	No data available
Solubility	No data available
Ignition temperature	No information available.
Particle characteristics	No data available

## 10. Stability and reactivity

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Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended.
Hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Incompatible products.
Incompatible materials	Avoid contact with acids. Avoid contact with strong oxidisers. Avoid contact with strong reducing agents.
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Nitrous gases (NO <sub>x</sub> ). Sulphurous gases (SO <sub>x</sub> ).

## 11. Toxicological information

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Acute Eye Irritation	Irritating to eyes
Acute Skin Irritation	No test data found for product.
Acute Dermal Toxicity	No test data found for product.
Acute Respiratory Irritation	No test data found for product.
Acute Inhalation Toxicity	No test data found for product.
Acute Oral Toxicity LD50 (rat)	Mineral Spirits > 5 gm/kg 2-Propoxyethanol = 3089 mg/kg Solvent Naphtha > 8,000 mg / kg Ammonia = 350mg/kg Oleic Acid > 5 gm/kg Isopropanolamine = 2098 mg/kg
Chronic Toxicity	This product does not contain any substances that are considered by OSHA, NTP, IARC OR ACGIH to be a probable or suspected human carcinogen. No additional test data was found for this product.

## 12. Ecological information

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Ecotoxicological Information	No data found.
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## 13. Disposal considerations

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Disposal methods

This material is a flammable liquid and must be disposed in accordance with all local, state and federal regulations. IT CAN NOT BE DISPOSED OF IN A SANITARY SEWER SYSTEM

## 14. Transport information

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UN number

ADR/RID 1993 IMDG 1993 IATA 1993

UN proper shipping name

ADR/RID: Flammable liquid n.o.s MDG:Flammable liquid n.o.s  
IATA:Flammable liquid n.o.s

Transport hazard class(es)

ADR/RID: 3 MDG: 3 IATA:3

Packaging group

ADR/RID:III IMDG: III IATA: III

Environmental hazards

ADR/RID: - yes IMDG: - yes IATA: -no

Special precautions for user

EmS F-A, S-A ADR transport category 2 Emergency Action Code 2X  
Hazard Identification Number (ADR/RID) 60 Tunnel restriction code (D/E)

Further information

Not classified as dangerous in the meaning of transport regulations.

## 15. Regulatory information

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Inventory Issues

All components of this product are listed on the U.S. TSCA, Canadian DSL, European EINECS/ELINS chemical listings

## 16. Other information

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Other Information

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