

**Product Name:** Ultrasonic Instrument Cleaning Solution Non Ammoniated **Part No / SKU:** RXSOL-10-3006-003

**Date of Issue:** September 25, 2026 **Document Type:** Material Safety Data Sheet (MSDS)

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|              |                                                        |
|--------------|--------------------------------------------------------|
| Product Name | Ultrasonic Instrument Cleaning Solution Non Ammoniated |
| Part Number  | RXSOL-10-3006-003                                      |

### Company Details:

RXSOL CHEMO PHARMA INTERNATIONAL  
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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

| 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 – 5 % |
| 2 Propoxyethanol                | 2807-30-9  | 1 – 5 % |

## 3. HAZARDS IDENTIFICATION

|                  |                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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

|               |                                                                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                                    |                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media       | Extinguish with dry chemical, CO2 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

|                                        |                                                                                                                                          |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>INGREDIENTS LIMITS Mineral Spirits 100 ppm OSHA/ TWA 2 Propoxyethanol 2 mg /m3 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/m3                                                                                    |
| 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

|                                              |                                       |
|----------------------------------------------|---------------------------------------|
| 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

|                                  |                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                                |                                                                                                                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                              |                |
|------------------------------|----------------|
| Ecotoxicological Information | No data found. |
|------------------------------|----------------|

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                  |                                                                                                                                                                            |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|                              |                                                                                                                                        |             |           |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|
| 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

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

## 16. OTHER INFORMATION AND DISCLAIMER

### Other Information

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