

# Material Safety Data Sheet

SYNTHETIC THINNER (RXSOL-19-3356-055)



## 1. Product and Company Identification

Product Name SYNTHETIC THINNER

Part Number RXSOL-19-3356-055

### Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

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## 2. Composition / informationon ingredients

| Name of Substance            | Cas Number | EINECS  |
|------------------------------|------------|---------|
| Ammonium Bisulphite          | 602-85-7   | 210-024 |
| Ethenediol                   | 107-21-1   | 203-473 |
| Quaternary Ammonium Chloride | 68391-01-5 | 269-919 |
| Propan-2-ol                  | 67-63-0    | 200-661 |

## 3. Hazards Identification

|                                                          |                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification according to Regulation (EC) No 1272/2008 | Acute toxicity, Oral (Category 2), H300 Skin irritation (Category 2), H315 Eye irritation (Category 2), H319 Specific target organ toxicity - single exposure (Category 3), H335 For the full text of the H-Statements mentioned in this Section, see Section 16. |
| Label elements                                           | Pictogram Aldrich- 862088 Page 2 of 9 The life science business of Merck operates as MilliporeSigma in the US and Canada Signal Word Danger                                                                                                                       |
| H300                                                     | Fatal if swallowed                                                                                                                                                                                                                                                |
| H315                                                     | Causes skin irritation.                                                                                                                                                                                                                                           |
| H319                                                     | Causes serious eye irritation.                                                                                                                                                                                                                                    |
| H335                                                     | May cause respiratory irritation.                                                                                                                                                                                                                                 |
| P261                                                     | Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.a                                                                                                                                                                                                            |
| P264                                                     | Wash hands thoroughly after handling.                                                                                                                                                                                                                             |
| P301 + P310                                              | IF SWALLOWED: Immediately call a POISON CENTER/ doctor.a                                                                                                                                                                                                          |
| P305 + P351 + P338                                       | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                                                                                                                                  |
| Supplemental Hazard Statements                           | None                                                                                                                                                                                                                                                              |
| Other hazards                                            | None                                                                                                                                                                                                                                                              |

## 4. First Aid Measures

|                                                                            |                                                                                                                     |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| General advice                                                             | Consult a physician. Show this material safety data sheet to the doctor in attendance.                              |
| If inhaled                                                                 | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.     |
| In case of skin contact                                                    | Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.                   |
| In case of eye contact                                                     | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                              |
| If swallowed                                                               | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.                 |
| Most important symptoms and effects, both acute and delayed                | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 |
| Indication of any immediate medical attention and special treatment needed | No data available                                                                                                   |

## 5. Fire-fighting Measures

|                                                       |                                                                           |
|-------------------------------------------------------|---------------------------------------------------------------------------|
| Suitable extinguishing media                          | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.a |
| Special hazards arising from the substance or mixture | Carbon oxides<br>Nitrogen oxides (NOx)                                    |
| Advice for firefighters                               | Wear self-contained breathing apparatus for firefighting if necessary.    |
| Further information                                   | No data available                                                         |

## 6. Accidental Release Measures

|                                                                     |                                                                                                                                                                                                                     |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8. |
| Environmental Precaution                                            | Prevent further leakage or spillage if safe to do so. Do not let product enter drains.                                                                                                                              |
| Methods and materials for containment and cleaning up               | Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.a                                                                                         |
| Reference to other sections                                         | For disposal see section 13.                                                                                                                                                                                        |

## 7. Handling and Storage

|                                                 |                                                                                                                                                   |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on safe handling                         | Avoid contact with skin and eyes. Avoid formation of dust and aerosols.                                                                           |
| Advice on protection against fire and explosion | Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.                            |
| Hygiene measures                                | Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. For precautions see section 2.2. |
| Storage conditions                              | Store in cool place. Keep container tightly closed in a dry and well-ventilated place.                                                            |
| Storage class                                   | Storage class (TRGS 510): 6.1B: Non-combustible, acute toxic Cat. 1 and 2 / very toxic hazardous materials                                        |
| Specific end use(s)                             | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated                                                                |

## 8. Exposure controls and personal protection

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control parameters                | Ingredients with workplace control parameters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Personal Protection               | <p><b>Eye protection</b> :Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).a</p> <p>. <b>Skin protection</b> :Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.</p> <p><b>Respiratory protection</b> : Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).Body Protectiona:Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.</p> |
| Control of environmental exposure | Prevent further leakage or spillage if safe to do so. Do not let product enter drains.ac                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



Gloves



Suit

## 9. Physical and chemical properties

|                                              |                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------|
| Physical state                               | solid                                                                            |
| Colour                                       | No data available                                                                |
| Odour                                        | No data available                                                                |
| Melting point/freezing point                 | No Data Available                                                                |
| Initial boiling point and boiling range      | No data available                                                                |
| Flammability (solid, gas)                    | No Data Available                                                                |
| Upper/lower flammability or explosive limits | No data available                                                                |
| Flash point                                  | No data available                                                                |
| Autoignition temperature                     | No data available                                                                |
| Decomposition temperature                    | No data available                                                                |
| pH                                           | No data available                                                                |
| Viscosity                                    | Viscosity, kinematic: No data available<br>Viscosity, dynamic: No data available |
| Water solubility                             | No data available                                                                |
| Partition coefficient: n-octanol/water       | log Pow: 1,984                                                                   |
| Vapor pressure                               | No data available                                                                |
| Density                                      | No data available                                                                |
| Relative density                             | No data available                                                                |
| Relative vapor density                       | No data available                                                                |
| IParticle characteristics                    | No data available                                                                |
| Explosive properties                         | No data available                                                                |
| Oxidizing properties                         | No data available                                                                |
| Other safety information                     | No data available                                                                |

## 10. Stability and reactivity

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Recativity                         | No data available                            |
| Chemical stability                 | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | No data available                            |
| Incompatible materials             | Strong oxidizing agents                      |
| Hazardous decomposition products   | In the event of fire: see section 5          |
| Condition to Avoid                 | None Known                                   |

## 11. Toxicological information

|                |                                                                                                                                                                                    |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity | Acute toxicity estimate Oral - 5,1 mg/kg (Calculation method) LD50 Oral - 5,1 mg/kg Inhalation: No data available Dermal: No data available LD50 Intravenous - Rabbit - 0,32 mg/kg |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                    |                                                |
|----------------------------------------------------|------------------------------------------------|
| Skin corrosion/irritation                          | Remarks: No data available                     |
| Serious eye damage/eye irritation                  | Remarks: No data available                     |
| Respiratory or skin sensitization                  | No data available                              |
| Germ cell mutagenicity                             | No data available                              |
| Carcinogenicity                                    | No data available                              |
| Reproductive toxicity                              | No data available                              |
| Specific target organ toxicity - single exposure   | Inhalation - May cause respiratory irritation. |
| Specific target organ toxicity - repeated exposure | No data available                              |
| Aspiration hazard                                  | No data available                              |
| Additional Information                             | RTECS: KE6330000                               |

## 12. Ecological information

|                                    |                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Toxicity                           | No data available                                                                          |
| Persistence and degradability      | No data available                                                                          |
| Bioaccumulative potential          | No data available                                                                          |
| Mobility in soil                   | No data available                                                                          |
| Results of PBT and vPvB assessment | PBT/vPvB assessment not available as chemical safety assessment not required/not conducted |
| Endocrine disrupting properties    | No data available                                                                          |
| Other adverse effects              | No data available                                                                          |

## 13. Disposal considerations

|                         |                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods | Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. |
| Product                 |                                                                                                                                                                                                                                                                                                      |
| Contaminated packaging  | Dispose of as unused product                                                                                                                                                                                                                                                                         |

## 14. Transport information

|                            |        |                                                                                                                                                                                                                                                        |
|----------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UN                         | Number | ADR/RID: 2811 IMDG: 2811 IATA: 2811                                                                                                                                                                                                                    |
| UN proper shipping name    |        | ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (9,10-Didehydro-6-methylergoline-8 ?methanol) IMDG: TOXIC SOLID, ORGANIC, N.O.S. (9,10-Didehydro-6-methylergoline-8 ?methanol) IATA: Toxic solid, organic, n.o.s. (9,10-Didehydro-6-methylergoline-8 ?-methanol) |
| Transport hazard class(es) | 8      |                                                                                                                                                                                                                                                        |
|                            |        | ADR/RID: 6.1 IMDG: 6.1 IATA: 6.1                                                                                                                                                                                                                       |
| Packing group              |        |                                                                                                                                                                                                                                                        |
| Packing group              |        | ADR/RID: II IMDG: II IATA: II                                                                                                                                                                                                                          |
| Environmental hazards      |        |                                                                                                                                                                                                                                                        |
| Environmental hazards      |        | ADR/RID: no IMDG Marine pollutant: no IATA: no                                                                                                                                                                                                         |
| Tunnel restriction code    |        | (D/E)                                                                                                                                                                                                                                                  |
| Further information        |        | No data available                                                                                                                                                                                                                                      |

## 15. Regulatory information

|                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety, health and environmental regulations/legislation specific for the substance or mixture | <p>This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006. International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors</p> <p>:Restrictions on the marketing and use of certain dangerous substances and preparations</p> <p>:Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals</p> <p>:Candidate List of Substances of Very High Concern for Authorisation</p> |
| National legislation                                                                           | Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : ACUTE TOXIC                                                                                                                                                                                                                                                                                                                                                 |
| Chemical safety assessment                                                                     | For this product a chemical safety assessment was not carried out                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## 16. Other information

### Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if **Rx Marine International** has been advised of the possibility of such damages.

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