

# Cold Flow Improver and Pour Point Dispersant

Part No. RXSOL-70-7014-025 — Generated 29 Sep 2026

## 1. Product and Company Identification

Product Name : Cold Flow Improver and Pour Point Dispersant  
Part Number : RXSOL-70- 7014-025

**Company Details:**  
**RX MARINE INTERNATIONAL**  
**105, A wing , BSEL , TECH PARK.**  
**VASHI ,NEW BOMBAY 400703 INDI**

Phone +91 22 65113333 / 5555 / 9999  
Fax +91 22 2781 1318 :::AOH :0091 9821214367  
Email [123@rxmarine.com](mailto:123@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / informationon ingredients

| Name of Substance                         | Cas Number | W  |
|-------------------------------------------|------------|----|
| Solvent Naphtha Petroleum, Heavy Aromatic | 6472-94-5  | 75 |
| 1,2,4-trimethyl benzene                   | 95-63-6    | 3  |
| 2-ethylhexanoic acid                      | 149-57-5   | 1  |
| Naphthalene                               | 91-20-3    | 0  |

## 3. Hazards Identification

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal Word                           | Danger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Hazard Statements                     | <p>Eye contact : may cause eye irritation with discomfort, tearing or blurring of vision.</p> <p>Skin Contact : may cause irritation.</p> <p>Inhalation : Inhalation or ingestion may cause nonspecific discomfort, such as nausea, headache, or weakness; or temporary nervous system depression with anesthetic effects such as dizziness, headache, confusion, incoordination, and loss of consciousness.</p> <p>General : In general, overexposure to high atmospheric concentrations of alkyl-substituted aromatics may produce central nervous system depression, headache, dizziness, incoordination, nausea and loss of appetite. Aspiration (liquid enters the lung), may cause lung damage due to chemical pneumonia, a condition caused by petroleum-like solvents.</p> |
| Precautionary statements - prevention | <p>Keep away from heat/sparks/open flames/hot surfaces - No smokin</p> <p>Keep/store away from clothing/combustible materials.</p> <p>Keep only in original container.</p> <p>P260 Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>Wash thoroughly after handling.</p> <p>Wear protective gloves/protective clothing/eye protection/face protection.</p>                                                                                                                                                                                                                                                                                                                                                                                                                   |

Precautionary statements -  
response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
IF ON SKIN : remove immediately all contaminated clothing. Rinse skin with soap water/shower.  
IF INHALED: remove person to fresh air and keep at rest in a position comfortable for breathing. IF IN  
EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
In case of fire: use sand, carbon dioxide or powder extinguisher for extinction.  
Absorb spillage to prevent material damage.

## 4. First Aid Measures

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact         | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Skin Contact        | Flush skin with water after contact. Wash contaminated clothing before reuse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Inhalation:         | If inhaled, If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ingestion:          | If swallowed, do not induce vomiting. Allow victim to rinse his mouth and then to drink 2-4 cupfuls of water. Never give anything by mouth to an unconscious person. Call a physician.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Notes to Physicians | Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400-ml water and mix thoroughly. Administer 5 ml/kg or 350 ml for an average adult. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances. Activated charcoal may induce vomiting, but may be given after emesis or lavage to absorb toxic additives. Steroid therapy in mild to moderate cases does not improve outcome. Bacterial pneumonia often occurs after exposure, but prophylactic antibiotics are not indicated and should be reserved for documented bacterial pneumonia. |

## 5. Fire-fighting Measures

|                              |                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Flammability                 | Flammable.                                                                                                                                    |
| Flash Point                  | 60°C                                                                                                                                          |
| Suitable extinguishing media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water Spray, Foam, Dry Chemical, CO2. |
| Protective Equipment         | Use personal protective equipment.                                                                                                            |
| Advice for firefighters      | Wear self-contained breathing apparatus. Wear full protective equipment.                                                                      |

## 6. Accidental Release Measures

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Small Spillage                                     | Soak up with sawdust, sand, oil dry or other absorbent material.                                                                                                                                                                                                                                                                                                                |
| Personal Protection                                | Remove persons to safety. Wear breathing apparatus if exposed to vapours/dust/spray/gases.                                                                                                                                                                                                                                                                                      |
| Environmental Precaution                           | Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.                                                                                                                                                                                                                                                                              |
| Methods and materials for containment and cleaning | Before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Soak up with sawdust, sand, oil dry or other absorbent material. Remove source of heat, sparks, flame, impact, friction, or electricity. Dike spill. Prevent material from entering sewers, waterways, or low areas. Spills are very slippery and should be cleaned up promptly |

## 7. Handling and Storage

|                                        |                                                                                                                                                         |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling                               | Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Keep away from heat, sparks and flames.     |
| Storage                                | Store in a well-ventilated place. Keep container tightly closed. Store in accordance with National Fire Protection Association recommendations.         |
| Advice on general occupational hygiene | Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. |

## 8. Exposure controls and personal protection

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Controls:    | Use only with adequate ventilation. Keep container tightly closed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Personal Protection      | <p>Eye/Face Protection : Wear coverall chemical splash goggles or safety glasses.</p> <p>Respirators : Where there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection. Protective Clothing Where there is potential for skin contact have available and wear as appropriate Impervious gloves, apron, pants, hood and jacket.</p>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Exposure Limits:         | <p><b>Heavy Aromatic Naphtha:</b></p> <p>PEL (OSHA) .....None established</p> <p>TLV (ACGIH) .....None established</p> <p>AEL* (Innospec Fuel Specialties) .....50 ppm, 300 mg/m3, 8 hr, TWA</p> <p><b>Naphthalene:</b></p> <p>PEL (OSHA).....10 ppm, 50 mg/m3, 8 hr. TWA</p> <p>TLV (ACGIH).....10 ppm, 52 mg/m3, 8 hr TWA, Skin; A4</p> <p>STEL 15 ppm, 79 mg/m3, A4</p> <p>AEL* (Innospec Fuel Specialties) .....None established</p> <p><b>1,2,4-trimethyl benzene :</b></p> <p>PEL (OSHA) .....140 mg/m3, 8 hr. TWA</p> <p>TLV (ACGIH) .....None established</p> <p>AEL* (Innospec Fuel Specialties) .....20 ppm, 8 hr, TWA</p> <p><b>2-ethylhexanoic acid</b></p> <p>PEL (OSHA) .....25 ppm, skin</p> <p>TLV (ACGIH) .....20 ppm, 8 hr TWA, A3</p> <p>AEL* (Innospec Fuel Specialties) .....None established</p> |
| Other Protection Measure | Theskin notation following the exposure guideline refers to the potential for dermal absorption of the material. It is intended to alert the reader that inhalation may not be the only route of exposure and thatmeasures to minimize dermal exposure should be considered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |





Gloves

Suit

## 9. Physical and chemical properties

|                                 |                               |
|---------------------------------|-------------------------------|
| Form                            | Liquid                        |
| Colour                          | Clear, dark, brown            |
| Odour                           | Not Available                 |
| Boiling point and boiling range | 168°C-195°C                   |
| Freezing Point                  | Not Available                 |
| Specific Gravity (20 °C)        | 0.900 @ 60/60°F (15.6/15.6°C) |
| pH                              | Not Applicable                |
| Density                         | 7.49 @ 60°F (15.6°C)          |
| Solubility in Water             | Soluble                       |
| Viscosity                       | (cSt) 3.82                    |
| Explosive properties            | Not Available                 |
| Vapour density                  | Not Available                 |

## 10. Stability and reactivity

|                                    |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| Reactivity                         | None                                                                                          |
| Stability                          | Stable at normal temperatures and storage conditions.                                         |
| Possibility of hazardous reactions | No known hazardous reactions.                                                                 |
| Incompatible materials             | None reasonably foreseeable.                                                                  |
| Hazardous combustion products      | Decomposes with heat. Hazardous decomposition products include oxides of carbon and nitrogen. |
| Polymerization                     | Will not occur.                                                                               |

## 11. Toxicological information

|                         |                                  |                         |
|-------------------------|----------------------------------|-------------------------|
| Heavy Aromatic Naphtha: | Inhalation 6 hour LC50.....      | >11.67 mg/L in rats     |
|                         | Skin Absorption LD50 .....       | >3,160 mg/kg in rabbits |
|                         | Oral LD50.....                   | >5,000 mg/kg in rats.   |
| Naphthalene:            | Inhalation 15 minute LC50: ..... | >0.34 mg/L in rats      |
|                         | Skin Absorption LD50: .....      | 10,000 mg/kg in rabbits |
|                         | Oral LD50:.....                  | 1,780 mg/kg in rats     |
| 1,2,4-trimethyl benzene | Inhalation 4 hour LC50.....      | 6,700 ppm in rats       |
|                         | Skin absorption LD50.....        | 4,320 mg/kg in rabbits  |
|                         | Oral ALD .....                   | 4,500 mg/kg in rats     |
| 2-ethylhexanoic acid :  | Inhalation 4 hour LC50.....      | 4,000 ppm in rats       |
|                         | Skin Absorption LD50 .....       | 2,335 mg/kg in rabbits  |
|                         | Oral LD50.....                   | 2,920 mg/kg in rats     |

Heavy Aromatic Naphtha is a severe skin irritant, and is an eye irritant, but is not a skin sensitizer in animals. Repeated inhalation exposures caused reduced growth rate, respiratory tract irritation, congestion in liver and spleen, changes in blood tests and equilibrium disturbances. No animal test reports are available to define carcinogenic, mutagenic, developmental or reproductive hazards.

#### Other information

Chronic overexposure to 2-ethylhexanoic acid has been suggested as a cause of the following effects in laboratory animals and may aggravate pre-existing disorders of these organs in humans: liver, abnormalities, kidney damage, lung damage, cardiac abnormality, blood abnormalities and spleen damage. This component has produced liver and kidney effects in laboratory animals. It has also produced developmental effects in oral studies in laboratory animals including teratogenicity at maternally

## 12. Ecological information

|                           |                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| Toxicity                  | Naphthalene : 96 hour LC50 fathead minnow: 27-42 mg/L<br>Naphtha : 96 hour LC50, fathead minnows: 4.2 – 20.8 mg/L |
| Process of degradability  | Causes severe skin irritation and eye damage.                                                                     |
| Bioaccumulative potential | Causes serious eye damage.                                                                                        |
| Mobility in soil          | Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.                      |

## 13. Disposal considerations

|                |                                                                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remarks        | Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. |
| Waste Disposal | Waste should be disposed of in according to local rule and regulation.                                                                                                                          |

## 14. Transport information

|                      |                     |
|----------------------|---------------------|
| UN Number            | NA                  |
| Proper shipping name | Combustible Liquid  |
| Special Information  | Flash Point: 60.1°C |
| DOT Labs             | Combustible Liquid  |
| Packing group        | III                 |
| Marine Pollutant     | No                  |

**International Maritime Dangerous Goods Code (IMDG) : Not Regulated**

## 15. Regulatory information

|                                                    |                                                                                                    |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------|
| TSCA Inventory Status                              | Reported / Included                                                                                |
| Title III Hazard Classifications Sections 311, 312 | Acute ..... Yes<br>Chronic ..... Yes<br>Fire ..... Yes<br>Reactivity ..... No<br>Pressure ..... No |
| Chemical Safety Assessment                         | No Chemical Safety Assessment has been carried out for this substance.                             |

## 16. 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 we 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.

### Other Information

**DISCLAIMER OF LIABILITY :**The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

---

This document was generated automatically and may not reflect the latest formulation or regulatory revision. For the most up-to-date, accurate MSDS, please email us at [muscatchem@gmail.com](mailto:muscatchem@gmail.com).