



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

## Material Safety Data Sheet (MSDS)

### RXSOL-40-4007-260

Condensor Dispersant Scale Fouling Controller

### 1. Product and Company Identification

[www.rxmarine.com](http://www.rxmarine.com)

|              |                                       |
|--------------|---------------------------------------|
| Product Name | RXSOL-40-4007-260                     |
| Product Type | Condensor Dispersant Scale Controller |

#### Company Details:

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

|       |                                                          |
|-------|----------------------------------------------------------|
| Phone | +91 22 65113333 / 5555 / 9999                            |
| Fax   | +91 22 2781 1318 ::::AOH :0091 9821214367                |
| Email | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |

### 2. Composition / Information on ingredients

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| COMPONENT               | CAS #     | HAZARD   | WT %  |
|-------------------------|-----------|----------|-------|
| Sodium Polyacralic Acid | 9003-04-7 | Irritant | 50-60 |
| Sodium molybdate        | 7631-95-0 | Irritant | 1-5   |

### 3. Hazards Identification

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|              |                                                                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE CONTACT  | Exposure to liquid product may cause moderate to severe irritation to eyes. Symptoms of exposure may include redness, swelling, tearing or pain. |
| SKIN CONTACT | Exposure to liquid product may be slightly irritating to skin. Symptoms of exposure may include redness, swelling or pain.                       |
| INGESTION    | Inhalation of vapors or fumes may be irritating to mucous membranes and respiratory tract.                                                       |
| INHALATION   | Inhalation of vapors or fumes may be irritating to mucous membranes and respiratory tract.                                                       |
| CHRONIC      | Effects of chronic exposure are not expected to differ from the above-mentioned contact.                                                         |

## 4. First Aid Measures

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|                    |                                                                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE CONTACT        | If this product contacts the eyes, immediately flush eyes with plenty of clean running water for at least fifteen (15) minutes, lifting the upper and lower eyelids occasionally. Remove contact lenses if worn. Seek medical attention if irritation persists.                                                    |
| SKIN CONTACT       | If this product contacts the skin, immediately flush the affected area with soap and water for at least fifteen (15) minutes. If the product penetrates the clothing, promptly remove the contaminated clothing or shoes, and flush the affected area as described. Seek medical attention if irritation persists. |
| INGESTION          | If this product is ingested, drink small amounts of water and seek medical attention promptly. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.                                                                                        |
| INHALATION         | If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. Seek medical attention if symptoms persist.                                                                                                                                                                          |
| NOTES TO PHYSICIAN | Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.                                                                                                                                                                                                 |

## 5. Fire-fighting Measures

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|                               |                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------|
| FLASH POINT                   | N/A                                                                                                        |
| FLAMMABLE LIMITS              | N/A                                                                                                        |
| AUTOIGNITION TEMPERATURE      | N/A                                                                                                        |
| EXTINGUISHING MEDIA           | Use water, foam, dry chemical or carbon dioxide to extinguish fire                                         |
| FIRE/EXPLOSION HAZARD         | Dried residue can thermally decompose, giving off irritating and possibly toxic fumes                      |
| FIRE FIGHTING EQUIPMENT       | Fire fighters should wear full protective equipment, and have selfcontained breathing apparatus available. |
| SPECIAL PROCEDURES            | Use water to cool containers exposed to a fire.                                                            |
| HAZARDOUS COMBUSTION PRODUCTS | Oxides of carbon, possibly toxic phosphines.                                                               |

## 6. Accidental Release Measures

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|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PERSONAL PRECAUTIONS      | Use proper personal protection (refer to Section 8).                                                                                                                                                                                                                                                                                                                                                                                       |
| ENVIRONMENTAL PRECAUTIONS | Run off from fire control or dilution water may cause pollution. Keep out of drains, municipal sewers, open bodies of water and water course.                                                                                                                                                                                                                                                                                              |
| CLEAN-UP METHODS          | Safely stop source of spill. Clean up spills immediately. Restrict non-essential personnel from the area. Wear protective clothing, goggles and respirator if ventilation is not adequate. Dike spill area and soak up material with sand or other absorbent. Place into chemical waste container for disposal according to local, state or federal regulations. Neutralize residue with lime or soda ash and flush spill area with water. |

## 7. Handling and Storage

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|            |                                                                                                                                                                                                                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling   | Use proper personal protection when handling (refer to Section 8). Use under wellventilated conditions. Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Avoid prolonged or repeated contact. Do NOT ingest. Wash thoroughly after handling. Rinse container before disposal. |
| SHELF LIFE | The recommended shelf life is two (2) years. It is recommended that products be retested if stored for more than two (2) years. Under ideal storage conditions, the shelf life is almost indefinite.                                                                                                       |

|                     |                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STORAGE TEMPERATURE | The recommended storage temperature is above 32oF, preferably at room temperature (70oF).                                                                                                       |
| GENERAL             | Store closed containers in a cool, dry, well-ventilated area away from incompatible materials. This product is stable under normal conditions of handling and storage. Avoid cold temperatures. |

## 8. Exposure controls and personal protection

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|                 |                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE PROTECTION  | To avoid contact with eyes, use safety glasses or chemical splash goggles. Face shield is recommended. Eye wash station should be available in the work area.                                                                                                                                                                                               |
| HAND PROTECTION | Use rubber or plastic gloves to minimize skin contact.                                                                                                                                                                                                                                                                                                      |
| BODY PROTECTION | A rubber apron and boots are recommended to minimize contact. Full drench shower should be available in the work area.                                                                                                                                                                                                                                      |
| RESPIRATOR      | Use of respirator protection is not generally required. However, if exposure is above the stated limits or ventilation is inadequate, use a NIOSH approved acid gas/organic vapor respirator to reduce potential for inhalation exposure. When using respirator cartridges, they must be changed frequently to assure breakthrough exposure does not occur. |
| VENTILATION     | General mechanical ventilation is recommended for enclosed areas.                                                                                                                                                                                                                                                                                           |

## 9. Physical and chemical properties

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|                          |                      |
|--------------------------|----------------------|
| Appearance               | Clear, yellow liquid |
| Odor                     | Slight medicinal     |
| Boiling Point            | > 100oC / 212oF      |
| Freezing Point:          | 0oC / 32oF           |
| Specific Gravity @ 68oF: | 1.28 - 1.30          |
| pH:                      | 6-8                  |
| Vapor Pressure:          | ND                   |
| Vapor Density (air = 1)  | ND                   |
| Water Solubility         | Complete             |
| VOC Content              | < 2%                 |

## 10. Stability and reactivity

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|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| GENERAL STABILITY:               | This product is stable at ambient temperatures and atmospheric pressures.                  |
| INCOMPATIBLE MATERIALS:          | Strong alkali and oxidizing materials.                                                     |
| HAZARDOUS POLYMERIZATION:        | Hazardous polymerization is not expected to occur under normal temperatures and pressures. |
| HAZARDOUS DECOMPOSITION PRODUCTS | Oxides of carbon, possibly toxic phosphines.                                               |

## 11. Toxicological information

[www.rxmarine.com](http://www.rxmarine.com)

|              |                                                                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
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| INGESTION    | Inhalation of vapors or fumes may be irritating to mucous membranes and respiratory tract.                                                       |
| INHALATION   | Inhalation of vapors or fumes may be irritating to mucous membranes and respiratory tract.                                                       |
| CHRONIC      | Effects of chronic exposure are not expected to differ from the above-mentioned contact.                                                         |

## 12. Ecological information

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N/A

## 13. Disposal considerations

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Do NOT dump into any sewers, on the ground or into any body of water. Rinse containers before disposal. Since emptied containers contain product residue, follow label warnings even after container is emptied. Dispose in accordance with all applicable federal, state and local laws and regulations.

## 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

N/A

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

N/A

## 16. Other information

[www.rxmarine.com](http://www.rxmarine.com)

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.

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