



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

**RXSOL-61-2868-001**

Condensers Lab Eqp

## Material Safety Data Sheet (MSDS)

### 1. Product and Company Identification

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

|              |                   |
|--------------|-------------------|
| Product Name | Sewage Test Kit   |
| Part Number  | RXSOL-62-5535-001 |

#### 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:123@rxmarine.com">123@rxmarine.com</a> |
| Website | <a href="http://www.rxmarine.com">www.rxmarine.com</a> |

### 2. Composition / Information on ingredients

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

This is combine kit

| Ingredient        | CAS Number | Qty.  |
|-------------------|------------|-------|
| COD Test Kit      | .....      | 1 Set |
| Chlorine Test kit | .....      | 1 Set |
| pH Test Paper     | .....      | 1 Box |

### 3. Hazards Identification

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

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| Classification       | Not classified as a Dangerous Good under NZS 5433:2012.                |
| Signal Word          | Xi; Irritan                                                            |
| Hazard Statement     | May be harmful if swallowed. Causes skin irritation.Causes eye damage. |
| Precaunory Statement | Non flammable Liquid.                                                  |
| Skin                 | Irritant                                                               |
| Eyes                 | Risk of damage to eyes.                                                |
| Inhalation           | Do not breathe vapour/spray                                            |

|           |    |
|-----------|----|
| Ingestion | NA |
|-----------|----|

#### 4. First Aid Measures

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|            |                                                                                                                                                                                                                                                                                    |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin       | Generally the product does not irritate the skin. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| Eyes       | Rinse opened eye for several minutes under running water. Check for and remove any contact lenses. Cold water may be used. Get medical attention.                                                                                                                                  |
| Inhalation | Supply fresh air; consult doctor in case of complaints. If breathing is difficult, give oxygen. Get medical attention.                                                                                                                                                             |
| Ingestion  | Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.                                                                                                                                                  |

#### 5. Fire-fighting Measures

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

|                                                       |                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flash Point                                           | Non Flammable                                                                                                                                                                                                                                                                                                          |
| Flash Point Method                                    | Not applicable                                                                                                                                                                                                                                                                                                         |
| Auto ignition Temperature                             | Unknown                                                                                                                                                                                                                                                                                                                |
| Suitable extinguishing agents                         | Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).                                                                                                                                                                       |
| Special hazards arising from the substance or mixture | No further relevant information available                                                                                                                                                                                                                                                                              |
| Advice for firefighters                               | Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. |

#### 6. Accidental Release Measures

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|                           |                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Small Spillage            | Always wear recommended personal protective equipment. Evacuate unprotected personnel.                                        |
| Large Spillage            | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. |
| Environmental precautions | Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water                                            |

#### 7. Handling and Storage

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

|                   |                                                                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling          | Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Provide adequate ventilation                                                      |
| Storage           | Store in the closed, original container in a dry, well ventilated area. Keep container tightly closed when not in use. Protect from light, heat and contamination by organic materials (will affect product stability). Keep away from Children |
| Incompatibilities | No further relevant information available.                                                                                                                                                                                                      |

#### 8. Exposure controls and personal protection

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

|                                          |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Control                      | Local exhaust ventilation is recommended when vapours can be released in excess of established airborne exposure limits.                                                                                                                                                                                                                                          |
| Personal Protective Equipment            |                                                                                                                                                                                                                                                                                                                                                                   |
| Skin Protection                          | Disposable latex gloves and lab coat. See or follow local Standards for more information.                                                                                                                                                                                                                                                                         |
| Eye Protection                           | For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear chemical safety goggles.                                                                                                                                                                                                                                |
| Respiratory Protection                   | None generally required for adequately ventilated work situations. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.                                                                                                                            |
| General protective and hygienic measures | Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure. |
| Exposure Limits                          |                                                                                                                                                                                                                                                                                                                                                                   |
| Inspirable Dusr                          | TWA: - ppm / 3 mg/m <sup>3</sup><br>STEL: - ppm / - mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                             |
| Chromium (VI) compounds                  | TWA: - ppm / 0.05 mg/m <sup>3</sup><br>STEL: - ppm / - mg/m <sup>3</sup>                                                                                                                                                                                                                                                                                          |



Gloves



Suit

## 9. Physical and chemical properties

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

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Appearance                | Clear./ Turbid Light orange                   |
| Physical State            | Liquid                                        |
| Odor                      | Characteristic                                |
| Odor Threshold            | Not Applicable                                |
| pH                        | 5-7                                           |
| Flash Point               | Not Applicable                                |
| Boiling Point             | 100°C                                         |
| Freezing Point            | -15°C                                         |
| Vapor Pressure            | 23 h Pa                                       |
| Vapor Density (Air = 1.0) | Not Determine                                 |
| Density                   | 1.00                                          |
| Flammability              | Not Applicable                                |
| Self-igniting             | Product is not selfigniting.                  |
| Solubility in water       | 100 % Soluble                                 |
| Danger of explosion       | Product does not present an explosion hazard. |

## 10. Stability and reactivity

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

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Stability Of Product             | The product is stable. .                             |
| Thermal Decomposition            | No decomposition if used according to specifications |
| Hazardous Decomposition          | No dangerous reactions known.                        |
| Conditions to avoid              | No further relevant information available            |
| Incompatible materials           | No further relevant information available.           |
| Hazardous decomposition products | No dangerous decomposition products known.           |
| Hazardous Polymerization         | Will not occur.                                      |

## 11. Toxicological information

www.rxmarine.com

|                                      |                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immediate (Acute) Effects            | No LD50 data available for the product.                                                                                                                                                                                                                                                                                                  |
| Primary irritant effect              | <b>Ingestion:</b> Swallowing can result in nausea, vomiting, diarrhoea, and abdominal pain.<br><b>Eye contact:</b> A severe eye irritant. Contamination of eyes can result in injury.<br><b>Skin contact:</b> Contact with skin will result in irritation.<br><b>Inhalation:</b> Breathing in vapour may produce respiratory irritation. |
| Additional toxicological information | No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs                                                                                                                    |
| Chronic effects                      | No information available for the product.                                                                                                                                                                                                                                                                                                |

## 12. Ecological information

www.rxmarine.com

|                               |                                                                           |
|-------------------------------|---------------------------------------------------------------------------|
| Acquatic toxicity             | No further relevant information available                                 |
| Persistence and degradability | Easily biodegradable                                                      |
| Bioaccumulative potential     | No further relevant information available.                                |
| Ecological information        | Do not allow product to reach ground water, water course or sewage system |
| Other adverse effects         | No further relevant information available.                                |

## 13. Disposal considerations

www.rxmarine.com

|                      |                                                                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RCRA hazardous waste | Note Applicable                                                                                                                                                       |
| Diaposal Condition   | Refer to local government authority for disposal recommendations. Dispose of contents/container in accordance with local/regional/national/international regulations. |

## 14. Transport information

www.rxmarine.com

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Road and Rail Transport | Not classified as a Dangerous Good under NZS 5433:2012 Transport of Dangerous Goods on Land.                                                                |
| Marine Transport        | Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS. |

|                      |                                                                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Air Transport        | Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS. |
| Proper Shipping Name | Water Testing Kit                                                                                                                                                              |

## 15. Regulatory information

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

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| Subclass 6.1 Category E | Substances which are acutely toxic.             |
| Subclass 6.3 Category A | Substances that are irritating to the skin.     |
| Subclass 8.3 Category A | Substances that are corrosive to ocular tissue. |
| Hazard Statement        |                                                 |
| H303                    | May be harmful if swallowed.                    |
| H315                    | Causes skin irritation.                         |
| H318                    | Causes serious eye damage.                      |

## 16. Other information

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

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