# Material Safety Data Sheet

**Test Tube Stand for 50 Ml Stainless Steel** (RXSOL-21-2120-001)

## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-22-2205-025 |
| Product Type | **BIOTRAP** |

**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 | mail@rxmarine.com |


## 2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS

| INGREDIENTS | Conc % W/W | CAS no | EXPOSITION CL50 | LETHAL DOSE INGESTION DL50 |
|---|---|---|---|---|
| Mixture of bacteria and enzyme | 7 - 13 | N/D | N/D | N/D |

## 3. Hazards Identification

N/A

## 4. First Aid Measures

FIRST AIDS

| | |
|---|---|
| Contact with Eyes | Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting upper and lower lids. Get medical attention at once. |
| Contact with skin | Rinse the skin for at least 15 minutes and remove contaminated cloths. |
| Ingestion | If this product is swallowed, do not induce vomiting. If victim is conscious give plenty of water to drink. Get medical attention at once. |

| | |
|---|---|
| Inhalation | Move exposed person to fresh air. If irritation persists. Get medical attention promptly. |

## 5. Fire-fighting Measures

EXPLOSION AND FLAMMABILITY DATA

| | |
|---|---|
| Inflammability | Not flammable |
| Condition of inflammability | No |
| Means of extinction | N/A |
| Point flash and method (open vase) | Superior at 95 ° C |
| Threshold of inflammability | Maximum = N/D Minimal = N/D |
| Temperature of spontaneous combustion | N/D |
| Products of dangerous combustion | Carbon dioxide |
| Data on the explosiveness sensitivity to the shocks | N/D |
| Data on the explosiveness sensitivity to the electro discharges statics | N/D |

## 6. Accidental Release Measures

PREVENTIVES MEASURES

| | |
|---|---|
| Eyes Protection | In normal condition, should be not dangerous |
| Respiratory Protection | In normal condition, should be not dangerous |
| Skin Protection | In normal condition, should be not dangerous |
| Measures if a leaks and spills | Take off the leaks and put in a identify drums. Rinse the floor with water. |
| Elimination | Conform with federal and provincial laws<br>Put in a closed material. Protect against the freeze |

## 7. Handling and Storage

N/A

## 8. Exposure controls and personal protection

N/A

## 9. Physical and chemical properties

PHYSICAL DATA

| | |
|---|---|
| Physical State | White Liquid to light yellow |
| Odor | Mint scent |
| pH | 7.0 - 7.5 |
| Specific Density (20°C) | 1,01g/cc |
| Water solubility | yes |
| boiling Point | D 100°C |

| | |
|---|---|
| Freeze Point | 0°C |
| % Volatile | N/D |
| Vapor Pressure | N/D |
| Vapor Density | N/D |

## 10. Stability and reactivity

REACTIVITY DATA

| | |
|---|---|
| Chemical stability | Stable |
| Incompatibility with other products | Oxidizing matters, strongly reducing and acid matters. |
| Conditions | If the product enter contact with acid or oxidizer product they could be produce hot temperature. |
| Polymerization | None |
| Decomposition product | Carbon oxide |

## 11. Toxicological information

TOXICOLOGICAL DATA

| | |
|---|---|
| Exposition limit | N/D |
| Absorption way | Inhalation ( ) Eyes ( ) Skin ( ) Ingestion ( ) |
| Chronics exposure with the product | N/D |
| Inhalation | Lightly irritating |
| Eyes | Lightly irritating |
| Skin | Lightly irritating |
| Ingestion | Nausea, vomiting |
| Cancerogenicity | None |
| Synergics products | None |

## 12. Ecological information

N/A

## 13. Disposal considerations

N/A

## 14. Transport information

N/A

## 15. Regulatory information

N/A

## 16. Other information

N/A

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## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-22-2205-025 |
| Product Type | **CUVEX** |

**Company Details:**

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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## 2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS

| INGREDIENTS | Conc % W/W | CAS no | EXPOSITION CL50 | LETHAL DOSE INGESTION DL50 |
|---|---|---|---|---|
| Hydrochloric acid | 7 - 13 | 7647-01-0 | 3124 PPM (rat)1H | 900mg/kg rabbit |

## 3. Hazards Identification

N/A

## 4. First Aid Measures

FIRST AIDS

| | |
|---|---|
| Ocular contact | To rinse with water for at least 15 minutes by keeping the large eyes open. To consult a doctor without delay. |
| Contact dermic | To remove contaminated clothing. To immediately rinse the skin reached with water for at least 15 minutes. To consult a doctor if an irritation persists. |
| Ingestion | To give 1 to 2 glasses water or of milk if nobody conscious. Do not induce a vomitting, consult a doctor immediately. |
| Inhalation | To bring the victim to the fresh air. To manage oxygen or artificial respiration if necessary. |

## 5. Fire-fighting Measures

EXPLOSION AND FLAMMABILITY DATA

| | |
|---|---|
| Flash Point | Superior with 95 oC |
| Threshold of inflammability | N/D |
| Means of extinction | Carbon dioxide (CO2), chemical foam |
| Temperature of spontaneous combustion | N/D |

## 6. Accidental Release Measures

PREVENTIVES MEASURES

| | |
|---|---|
| Ocular protection | Protective glasses or facial masks. |
| Respiratory Protection | Mask with cartridge for organic vapors and acid vapors. |
| Dermic protection | Rubber glovees and clothing protective (boots and hats). |
| Technical installation | Local or general ventilation. |
| Measurements in the event of escapes | To absorb the escape with solid absorbents, (vermiculites) To rinse with much water. |
| Waste disposal | To conform to the laws on the rejections of waste, local, provincial and federal. |
| Handling and storage | To preserve in a container closes in a dry, fresh place safe from heat. To carry a self-rescuer. To sprinkle the containers with water. |
| Special method | To keep with the expenses. |

## 7. Handling and Storage

N/A

## 8. Exposure controls and personal protection

N/A

## 9. Physical and chemical properties

PHYSICAL DATA

| | |
|---|---|
| Aspect & perfume | blue liquid, wintergreen scent |
| boiling Point | 100°C |
| pH (Such as it is) | 1 (very acid) |
| Freezing Point | 0°C |
| Specific gravity (20 C) | 1.05 |
| Solubility in water | 100 % |

## 10. Stability and reactivity

REACTIVITY DATA

| | |
|---|---|
| Chemical stability | Stable in normal condition of use. |
| Incompatibility with other substances | Oxidizing matters, Alkaline Matters. Caustic soda, Potash caustic, Ammonium, Hypochlorites |

| | |
|---|---|
| Reaction of polymerization | None |
| Hazardous substance coming from decomposition | Carbon dioxide |

## 11. Toxicological information

TOXICOLOGICAL DATA

Effects of the acute exposure on the routes of administration.

| | |
|---|---|
| Ocular contact | Irritation under direct contact and the vapors irritate the eyes. |
| Dermique contact | This product degreases and drains the skin. It is very irritating for the skin. |
| Inhalation | The vapors irritate the nose and the throat. |
| Ingestion | Can cause headaches, nauseas, vomiting and weaknesses. |
| Effects of the chronic exposure | N/D |
| Cancerogenicity | None |
| Mutagenicity | None |
| Teratogenicity | None |
| Synergy | None |
| Sensitizing | None |

## 12. Ecological information

N/A

## 13. Disposal considerations

N/A

## 14. Transport information

N/A

## 15. Regulatory information

N/A

## 16. Other information

N/A

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## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-22-2205-025 |
| Product Type | **UNITREX** |

**Company Details:**

RX MARINE INTERNATIONAL
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| Email | mail@rxmarine.com |


## 2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS

| INGREDIENTS | Conc % W/W | CAS no | EXPOSITION CL50 | LETHAL DOSE INGESTION DL50 |
|---|---|---|---|---|
| Alcool, C9-11 Ethoxylated | 0.5 - 1 | 68439-46-3 | N/D | 1400mg/kg (rat-oral) |
| Alkyldimethylbenzylammonia Chlorure | 0.1 - 0.5 | 68424-85-1 | N/D | 426 mg/kg (rat-oral) |

## 3. Hazards Identification

N/A

## 4. First Aid Measures

FIRST AIDS

| | |
|---|---|
| Flammability | None |
| Extinguishing Media | N/D |
| Flash Point and method (Open Cup) | Superior at 95 °Celcius |
| Flammability limit | Maximal = N/D Minimal = N/D |
| Auto-inflammation temperature | N/D |
| Dangerous product by combustion | N/D |

## 5. Fire-fighting Measures

EXPLOSION AND FLAMMABILITY DATA

| | |
|---|---|
| Flammability | None |
| Extinguishing Media | N/D |
| Flash Point and method (Open Cup) | Superior at 95 °Celcius |

| | |
|---|---|
| Flammability limit | Maximal = N/D Minimal = N/D |
| Auto-inflammation temperature | N/D |
| Dangerous product by combustion | N/D |

## 6. Accidental Release Measures

PREVENTIVES MEASURES

| | |
|---|---|
| Ocular protection | Protective glasses or facial masks. |
| Respiratory Protection | Mask with cartridge for organic vapors and acid vapors. |
| Dermic protection | Rubber glovees and clothing protective (boots and hats). |
| Technical installation | Local or general ventilation. |
| Measurements in the event of escapes | To absorb the escape with solid absorbents, (vermiculites) To rinse with much water. |
| Waste disposal | To conform to the laws on the rejections of waste, local, provincial and federal. |
| Handling and storage | To preserve in a container closes in a dry, fresh place safe from heat. To carry a self-rescuer. To sprinkle the containers with water. |
| Special method | To keep with the expenses. |

## 7. Handling and Storage

N/A

## 8. Exposure controls and personal protection

N/A

## 9. Physical and chemical properties

PHYSICAL DATA

| | |
|---|---|
| Aspect & perfume | blue liquid, fresh citrus scent |
| boiling Point | 100 C |
| pH (Such as it is) | 6.8 - 7.2 |
| Freezing Point | 0 C |
| Specific gravity (20 C) | 1.00 |
| Solubility in water | 100 % |

## 10. Stability and reactivity

REACTIVITY DATA

| | |
|---|---|
| Chemical stability | Stable in normal condition of use. |
| Incompatibility with other substances | Oxidizing matters, strongly reducing matters and acids. |
| Conditions of reactivity | If the product comes into contact with an acid, there will be a heat emission. |
| Reaction of polymerization | None. |

| | |
|---|---|
| Hazardous substance coming from decomposition | Carbon dioxide |

## 11. Toxicological information

TOXICOLOGICAL DATA

| | |
|---|---|
| Limit of exposure | N/D |
| Ways of absorption | Inhalation 0 Eyes (X) Skin (X) Ingestion (X) |
| Effects of the chronic exposure to the product | N/D |
| Inhalation | No applicable |
| Eyes | If contact with eyes, mild irritation of the eyes may appear |
| Skin | Slightly dry skin |
| Ingestion | Can cause nauseas. |
| Cancerogenicity | None Toxic effects on |
| reproduction | None |
| Teratogenicity | None |
| Mutagenicity | None |
| Name of the products synergistic | None |

## 12. Ecological information

N/A

## 13. Disposal considerations

N/A

## 14. Transport information

N/A

## 15. Regulatory information

N/A

## 16. Other information

N/A

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## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-22-2205-025 |
| Product Type | **ASSAINI-PLUS** |

**Company Details:**

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## 2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS

| INGREDIENTS | Conc % W/W | CAS no | EXPOSITION CL50 | LETHAL DOSE INGESTION DL50 |
|---|---|---|---|---|
| Sodium hypochlorite | 7-13 | 7681-52-9 | N/D | 375 mg/kg(souris-rat) |

## 3. Hazards Identification

N/A

## 4. First Aid Measures

FIRST AID

| | |
|---|---|
| Ocular contact | To rinse with water for at least 15 minutes by keeping the open large eyes. To consult a doctor or an ophthalmologist without delay. |
| Contact dermic | To wash the skin contaminated with tepid water and to coat the skin of an emollient cream. |
| Ingestion | To give 1 to 2 glasses water or of milk if the person is conscious to dilute the product. Do not induce vomiting, consult a doctor immediately or contact a poisons center Poisons center: 1-800-463-5060 |
| Inhalation | To bring the victim to the fresh air. Put an oxygen unit or pratice artificial respiration if necessary. |

## 5. Fire-fighting Measures

EXPLOSION AND FIRE HAZARDS

| | |
|---|---|
| Inflammability | No |
| Condition of inflammability | None |
| Means of extinction | Water, chemical foam, carbon dioxide |
| Point flash and method (open vase) | Superior at 100 0 C |
| Threshold of inflammability | Maximum = N/D Minimal = N/D |

| | |
|---|---|
| Temperature of spontaneous combustion | N/D |
| Products of dangerous combustion | Carbon dioxide |
| Data on the explosiveness sensitivity to the shocks: | N/D |
| sensitivity to the electro discharges statics | N/D |

## 6. Accidental Release Measures

PRECAUTIONARY MEASURES

| | |
|---|---|
| Ocular protection | We advise to carry protective glasses. |
| Respiratory Protection | Under normal conditions, this product does not pose a problem. |
| Derrnic protection | We advise to wear protection or rubber gloves. |
| Measurements in the event of escapes | To collect the reversed product and to put in well identified containers. To rinse with water the residues left on the ground. |
| Waste disposal | To conform to the laws on the rejections of waste, local, provincial and federal. |
| Handling and storage | To preserve in a container closed in a dry, fresh place. |

## 7. Handling and Storage

N/A

## 8. Exposure controls and personal protection

N/A

## 9. Physical and chemical properties

PHYSICAL CHARACTERISTICS

| | |
|---|---|
| Physical status | Clear yellow liquid |
| Boiling Point | 100 C |
| Odor and appearance | Chlorine odor |
| pH (such as it is) | Superior at 13 |
| Freezing Point | N/D |
| % Volatile | N/D |
| Density (20°C) | 1.165 g/cc |
| Density of vapor | N/D |
| Solubility in water | soluble |
| Coefficient of distribution Water/Oil | N/D |

## 10. Stability and reactivity

DATA ON THE REACTIVITY

| | |
|---|---|
| Chemical stability | Stable in normal condition of use. |
| Incompatibility with other substances | Acid matters |

| | |
|---|---|
| Conditions of reactivity | If the product comes into contact with an acid, there will be a heat emission and chlorine. |
| Reaction of polymerization | None |
| Hazardous substance coming from the decomposition | Carbon dioxide and chlorine |

## 11. Toxicological information

SECTION VI: TOXICOLOGICAL PROPERTIES OF THE PRODUCT

| | |
|---|---|
| Limit of exposure | N/D |
| Ways of absorption | Inhalation () Eyes (X) Skin (X) Ingestion (X) |
| Effects of the chronic exposure to the product | N/D |
| Inhalation | The vapor should be irritating |
| Eyes | Irritation under direct contact, burns of the eyes. |
| Skin | Irritant for skin, burns, dernnatites. |
| Ingestion | Irritation of the internal mucous membranes, can cause nauseas. |
| Cancerogenicity | None Toxic effects on |
| reproduction | None |
| Teratogenicity | None |
| Mutagenicity | None |
| Name of the products synergistic | None |

## 12. Ecological information

N/A

## 13. Disposal considerations

N/A

## 14. Transport information

N/A

## 15. Regulatory information

N/A

## 16. Other information

N/A

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## 1. Product and Company Identifaction

| | |
|---|---|
| Product Name | RXSOL-22-2205-025 |
| Product Type | **DETERGEL** |

**Company Details:**

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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| Fax | +91 22 2781 1318 :::AOH :0091 9821214367 |
| Email | **mail@rxmarine.com** |


## 2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS

| INGREDIENTS | Conc % W/W | CAS no | EXPOSITION CL50 | LETHAL DOSE INGESTION DL50 |
|---|---|---|---|---|
| Sodium silicate | 7-13 | 1344-09-8 | N/D | 1280 mg/kg (rat-oral) |
| Sodium hydroxide | 1 -5 | 1310-73-2 | N/D | N/D |
| Sodium Hypochlorite | 1 -5 | 7681-52-9 | N/D | 5800 mg / kg (souris-oral) |

## 3. Hazards Identification

N/A

## 4. First Aid Measures

FIRST AID

| | |
|---|---|
| Ocular contact | To rinse with water for at least 15 minutes by keeping the open large eyes. To consult a doctor or an ophthalmologist without delay. |
| Contact dermic | To wash the skin contaminated with tap water. |
| Ingestion | To give 1 to 2 glasses water or of milk if the person is conscious to dilute the product. Do not induce vomiting, consult a doctor immediately or contact a poisons center Poisons center: 1-800-463-5060 |
| Inhalation | To bring the victim to the fresh air. Put an oxygen unit or pratice artificial respiration if necessary. |

## 5. Fire-fighting Measures

EXPLOSION AND FIRE HAZARDS

| | |
|---|---|
| Inflammability | No |

| | |
|---|---|
| Condition of inflammability | None |
| Means of extinction | Water, chemical foam, carbon dioxide |
| Point flash and method (open vase) | Superior at 100°C |
| Threshold of inflammability | Maximum = N/D Minimal = N/D |
| Temperature of spontaneous combustion | N/D |
| Products of dangerous combustion | Carbon dioxide, chlorine |
| Data on the explosiveness sensitivity to the shocks: | N/D |
| sensitivity to the electro discharges statics | N/D |

## 6. Accidental Release Measures

PRECAUTIONARY MEASURES

| | |
|---|---|
| Ocular protection | Under normal conditions, this product does not pose a problem, but we suggest a wear protective glasses. |
| Respiratory Protection | Under normal conditions, this product does not pose a problem. |
| Derrnic protection | Under normal conditions, this product does not pose a problem, but we suggest a wear protective gloves. |
| Measurements in the event of escapes | To collect the reversed product and to put in well identified containers. To rinse with water the residues left on the ground. |
| Waste disposal | To conform to the laws on the rejections of waste, local, provincial and federal. |
| Handling and storage | To preserve in a container closed in a dry, fresh place. |

## 7. Handling and Storage

N/A

## 8. Exposure controls and personal protection

FIRST AID

| | |
|---|---|
| Ocular contact | To rinse with water for at least 15 minutes by keeping the open large eyes. To consult a doctor or an ophthalmologist without delay. |
| Contact dermic | To wash the skin contaminated with tap water. |
| Ingestion | To give 1 to 2 glasses water or of milk if the person is conscious to dilute the product. Do not induce vomiting, consult a doctor immediately or contact a poisons center Poisons center: 1-800-463-5060 |
| Inhalation | To bring the victim to the fresh air. Put an oxygen unit or pratice artificial respiration if necessary. |

## 9. Physical and chemical properties

PHYSICAL CHARACTERISTICS

| | |
|---|---|
| Physical status | Clear gel |

| | |
|---|---|
| Boiling Point | 100°C |
| Odor and appearance | Lemon scent |
| pH (such as it is) | Approx.12.5 |
| Freezing Point | 0°C |
| % Volatile | N/D |
| Vapor Pressure | N.D. |
| Density (20°C) | Approx.1.18 g/cc |
| Density of vapor | N/D |
| Solubility in water | soluble |
| Coefficient of distribution Water/Oil | N/D |

## 10. Stability and reactivity

DATA ON THE REACTIVITY

| | |
|---|---|
| Chemical stability | Stable in normal condition of use. |
| Incompatibility with other substances | Strongly oxidant matters and acids. |
| Conditions of reactivity | N.D. |
| Reaction of polymerization | None |
| Hazardous substance coming from the decomposition | Carbon dioxide and chlorine |

## 11. Toxicological information

TOXICOLOGICAL PROPERTIES OF THE PRODUCT

| | |
|---|---|
| Limit of exposure | N/D |
| Ways of absorption | Inhalation ( X ) Eyes (X) Skin (X) Ingestion (X) |
| Effects of the chronic exposure to the product | N/D |
| Inhalation | Safe |
| Eyes | Irritation under direct contact, burns of the eyes. |
| Skin | Irritant for skin, reclamation, burns. |
| Ingestion | Irritation of the internal mucous membranes, can cause nauseas. |
| Cancerogenicity | None Toxic effects on |
| reproduction | None |
| Teratogenicity | None |
| Mutagenicity | None |
| Name of the products synergistic | None |

## 12. Ecological information

N/A

## 13. Disposal considerations

N/A

## 14. Transport information

N/A

## 15. Regulatory information

N/A

## 16. Other information

N/A