Material Safety Data Sheet

Test Tube (Length - 12 CM, Dia 3cm) (RXSOL-21-2119-001)

1. Product and Company Identifaction

Product Name	RXSOL-22-2205-025
Product Type	**DETERMATIC**

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
Silicate Sodium	7 - 13	1344-09-8	N/D	1500- 3000 mg/kg (rat-oral)
Sodium Hydroxide	7 - 13	1310-73-2	N/D	N/D

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. 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. To manage or 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 red liquid
Boiling Point	100°C
Odor and appearance	No odor
pH (such as it is)	13.2
Freezing Point	0°C
Density (20°C)	1.20 g/cc
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 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 the decomposition	Carbon dioxide

11. Toxicological information

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	Product is not dangerous for inhalation.
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	**DETERMATIC PLUS**

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
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2. Composition / informationon ingredients

HAZARDOUS INGREDIENTS

INGREDIENTS	Conc % W/W	CAS no	EXPOSITION CL50	LETHAL DOSE INGESTION DL50
Silicate Sodium	7 - 13	1344-09-8	N/D	1500- 3000 mg/kg (rat-oral)
Sodium Hydroxide	7 - 13	1310-73-2	N/D	N/D

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. 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. To manage or 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	Yellow liquid
Boiling Point	100°C
Odor and appearance	Odorless
pH (such as it is)	13.2
Freezing Point	0°C
% Volatile	N/D
Density (20°C)	1.27 9/cc
Vapor Pressure	N/D
Solubility in water	soluble
Vapor Density	N/D
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 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 the decomposition	Carbon dioxide

11. Toxicological information

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	Product is not dangerous for inhalation.
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	**RINCEMATIC**

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
Propylene Glycol	1 -5	57-55-6	N/D	(rat-oral examination)22800 mg/kg

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 vomitting, consult a doctor immediately or contact a poisons center Poisons center: 1-800-463-5060
Inhalation	To bring the victim to the fresh air. To manage or artificial respiration if necessary.

5. Fire-fighting Measures

EXPLOSION AND FIRE HAZARDS

Inflammability	Not flammable
Condition of inflammability	S/O
Flash Point 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
sensitivity to the electro discharges statics	N/D

6. Accidental Release Measures

PRECAUTIONARY MEASURES

Ocular protection	With a normal use, no eyes protection is necessary.
Respiratory Protection	No necessary protection.
Derrnic protection	With a normal use, no protection of the skin is necessary.
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

SECTION III: PHYSICAL CHARACTERISTICS

Physical status	Blue liquid
Boiling Point	100°C
Odor and appearance	No odor
pH (such as it is)	6.0 ± 0.5
Freezing Point	0°C
Density (20°C)	1.00g/cc
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	Oxidizing matters, strongly reducing and acid matters.
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 the decomposition	Carbon dioxide

11. Toxicological information

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	N/D
Eyes	Irritation of the eyes under direct contact.
Skin	Can be irritating for the skin.
Ingestion	Irritation of the internal mucous membranes, can cause nauseas.
Cancerogenicity	None
Toxic effects on the 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	**DETERCH LORE**

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
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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

Sodium hydroxide	5 - 10	1310-73-2	N/D	40 ring/kg (intraperitoneal-rat)
Sodium hypochlorite	1 -5	7681-52-9	N/D	5800 ring/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 tap water.
Ingestion	To give 1 to 2 glasses water or of milk if the person is conscious. 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. To manage or 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	0°C
% Volatile	N/D
Vapor Pressure	N/D
Density (20°C)	1.249/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 reducing matters and acids.
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

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	**BIOSOLV 2**

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
Orange terpene	15 -40	68647-72-3	N.D.	4400 mg/kg
Hydrotreated paraffin	60 - 85	64741-65-7	5,92 g/kg (rat)	8,0 g/kg (rat)

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

Flammable	No
Condition	Extreme heating and fire
Extinction	Chemical foam, carbon dioxide, water
Flash Point (open cup)	53° C, combustible
Autoinflammation temperature	500° C
Dangerous product made by combustion	Carbon dioxide (CO2), Chemical Foam

6. Accidental Release Measures

PREVENTIVES MEASURES

Eyes Protection	Safety Glass
Respiratory Protection	Don't need special protective equipment

Skin Protection	Rubber glove, boots, long clothing
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 Put in a closed material.

7. Handling and Storage

N/A

8. Exposure controls and personal protection

N/A

9. Physical and chemical properties

PHYSICAL DATA

Physical State	Transparent yellow clear liquid
Boiling Point	>> 175°C
Odor	Orange and citrus Scent
pH	6.5 - 7.0
Freeze Point	Lower 0°C
Specific Density (20°C)	0.80 - 0.83 g/cc
Vapor Pressure	0.4 mmHg @ 38°C
Vapor Density (Air = 1)	4.75 @ 20°C
Evaporation rate	0.03 @ 20°C
Repair coefficient	N.D.

10. Stability and reactivity

REACTIVITY DATA

Chemical stability	Stable
Incompatibility with other products	Oxidant matter, Iodine pentafluoride with tetrafluoroethylene
Conditions	If the product enter contact with acid or oxidizer product they could be produce hot temperature.
Polymerization	None
Decomposition product	Carbon dioxide

11. Toxicological information

TOXICOLOGICAL DATA

Effects of the chronic exposure to the product	N/D
Inhalation	The aerosol can be irritating when the product is heated.

Eyes	Irritation under direct contact burns, feeling of blindness.
Skin	Irritating for the skin.
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 toxicologiquement 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