Material Safety Data Sheet

Test Tube 50 ml Glass (RXSOL-21-2145-001)

1. Product and Company Identifaction

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

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

DANGEROUS INGREDIENTS

INGREDIENTS	Conc % W/W	CAS no	EXPOSITION CL50	LETHAL DOSE INGESTION DL50
Phosphoric acid	35 - 60	7664-38-2	N/D	1530 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 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 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 FIRE HAZARDS

Point flash	Superior at 95 C
Threshold of inflammability	N/D
Means of extinction	Carbon dioxide (CO2), chemical foam
Temperature of spontaneous combustion	N/D

6. Accidental Release Measures

PRECAUTIONARY MEASURES

Ocular protection	Protective glasses or facial masks.
Respiratory Protection	Mask with cartridge for the organic vapors and the acid vapors caused by the reaction with chlorides during cleanings. The use of mask against the particles which would make it possible to protect the respiratory tracts against the phosphoric fog of acid is strongly suggested.
Derrnic protection	Rubber gloves and clothing protective (boots and hats).
Technical installation	Local or general ventilation. To absorb the escape with solid absorbents, (vermiculites or bran of saw) 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.
Special method	To carry a self-rescuer. To sprinkle the containers with water. 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 CHARACTERISTICS

Aspect	transparent liquid
Point of boiling	Superior at 100C
pH (such as it is)	1 (very acid)
Point freezing	Inferior at 0 C
Density (20 C)	1.22 g/cc
Solubility in water	Complete

10. Stability and reactivity

DATA ON THE REACTIVITY

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 the decomposition	Carbon dioxide

11. Toxicological information

TOXICOLOGICAL PROPERTIES OF THE PRODUCT

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.
Effects of the chronic exposure	N/D
Cancerogenicity	No
Mutagenicity	No
Teratogenicity	No
Synergy	No
Sensitizing	No

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	**BIOGERM**

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
dimethyl benzyl ammonium chlorides (C12-18)	0.5 - 1.0	68391-01-5	20 000 ppm/10H (rat-inh)	7060 mg/kg (rat) 3450mg/kg (souris)
dimethyl ethyl benzyl chlorure d'ammonium (C12-18)	0.5 - 1.0	68956-79-6		

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)	Superior at 95 ° C
Autoinflammation temperature	N/D
Dangerous product made by combustion	Carbon oxide

6. Accidental Release Measures

PREVENTIVES MEASURES

Eyes Protection	Safety Glass
Respiratory Protection	In normal condition, they don't need a mask.
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. 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	Green Liquid
Boiling Point	>> 100°C
Odor	Lemon Scent
pH	12.5
Freeze Point	0°C
% Volatile	N/D
Specific Density (20°C)	1,08g/cc
Vapor Pressure	N/D
Water solubility	yes
Vapor Density	N/D

10. Stability and reactivity

REACTIVITY DATA

Chemical stability	Stable
Incompatibility with other products	Reductor, oxidant and acid product

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 (X) Eyes (X) Skin (X) Ingestion (X)
Chronics exposure with the product	N/D
Inhalation	The aerosol should be irritating
Eyes	Irritation, blindness, burning
Skin	Irritating for skin, dryness, burning, dermatitis
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	**GERMI-10**

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
dimethyl benzyl ammonium chlorides (C12-18)	3 - 7	68391-01-5	20 000 ppm/10H (rat-inh)	7060 mg/kg (rat)
dimethyl ethyl benzyl chlorure d'ammonium (C12-18)	3 - 7	68956-79-6	3450 mg/kg (mouse)	

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	It should be rinsed off with water.
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. (ANTI POISON CENTER : 1-800-463-5060)
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	Nothing
Extinction	Chemical foam, carbon dioxide, water

Flash Point (open cup)	Superior at 95 ° C
Autoinflammation temperature	N/D
Dangerous product made by combustion	Carbon oxide

6. Accidental Release Measures

PREVENTIVES MEASURES

Eyes Protection	You don't need a safety glass with normal using.
Respiratory Protection	You don't need a safety mask with normal using.
Skin Protection	You don't need a special thing for skin protection with normal using.
Technical installation	Put good ventilation for close chamber for eliminate a vapour could be concentrated.
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. 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

Chemical stability	Stable
Incompatibility with other products	Strong reductor, strong oxidant and acid product.
Conditions	N/D
Polymerization	None
Decomposition product	Carbon oxide

10. Stability and reactivity

SECTION V: REACTIVITY DATA

Chemical stability	Stable
Incompatibility with other products	Strong reductor, strong oxidant and acid product.
Conditions	N/D

Polymerization	None
Decomposition product	Carbon oxide

11. Toxicological information

SECTION VI: TOXICOLOGICAL DATA

Exposition limit	N/D
Absorption way	Inhalation ( ) Eyes (X) Skin ( ) Ingestion (X)
Chronics exposure with the product	N/D
Inhalation	No Object
Eyes	Irritation.
Skin	Should be irritating if the product is apply directly on skin
Ingestion	Irritation, nausea
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	**TILENET**

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

N/A

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 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 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 FIRE HAZARDS

Point flash	N/D
Threshold of inflammability	N/D N/D
Means of extinction	Carbon dioxide (CO2), chemical foam
Temperature of spontaneous combustion	N/D

6. Accidental Release Measures

PRECAUTIONARY MEASURES

Ocular contact	Irritation under contact.
Dermique contact	This product degreases and dries the skin.

Inhalation	N/D
Ingestion	Can cause headaches, nauseas, vomiting and weaknesses.
Effects of the chronic exposure	N/D
Cancerogenicity	Nothing
Mutagenicity	Nothing
Teratogenicity	Nothing
Sensitizing	Nothing

7. Handling and Storage

N/A

8. Exposure controls and personal protection

N/A

9. Physical and chemical properties

PHYSICAL CHARACTERISTICS

Aspect	transparent liquid
Point of boiling	100 C
pH (such as it is)	3.5 - 4.0
freezing Point	0 C
Viscosity (250C)	No object
Specific GRAVITY (20 C)	1.04
Solubility in water	100 %

10. Stability and reactivity

DATA ON THE REACTIVITY

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 the decomposition	Carbon dioxide

11. Toxicological information

TOXICOLOGICAL PROPERTIES OF THE PRODUCT

Effects of the acute exposure on the routes of administration.

Ocular contact	Irritation under contact.
Dermique contact	This product degreases and dries the skin.

Inhalation	N/D
Ingestion	Can cause headaches, nauseas, vomiting and weaknesses.
Effects of the chronic exposure	N/D
Cancerogenicity	Nothing
Mutagenicity	Nothing
Teratogenicity	Nothing
Sensitizing	Nothing

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	**VIMAX**

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
Calcium Carbonate	15 -40	1317-65-3	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	It should be rinsed off with water.
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. (ANTI POISON CENTER : 1-800-463-5060)
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	Nothing
Extinction	Chemical foam, carbon dioxide, water
Flash Point (open cup)	Superior at 95 ° C
Autoinflammation temperature	N/D
Dangerous product made by combustion	Carbon oxide

6. Accidental Release Measures

PREVENTIVES MEASURES

Eyes Protection	You don't need a safety glass with normal using.
Respiratory Protection	You don't need a safety mask with normal using.
Skin Protection	You don't need a special thing for skin protection with normal using.
Technical installation	Put good ventilation for close chamber for eliminate a vapour could be concentrated.
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. 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	Yellow Cream
Odor	Lemon odor
pH	8.0 ± 0.3
Specific Density (20°C)	1.43 - 1.45 g/cc
Water solubility	yes
boiling Point	> 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	Strong reductor, strong oxidant and acid product.
Conditions	N/D
Polymerization	None
Decomposition product	Carbon oxide

11. Toxicological information

TOXICOLOGICAL DATA

Exposition limit	N/D
Absorption way	Inhalation ( ) Eyes (X) Skin ( ) Ingestion (X)
Chronics exposure with the product	N/D
Inhalation	No Object
Eyes	Irritation.
Skin	Should be irritating if the product is apply directly on skin
Ingestion	Irritation, nausea

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	**BIOSPOT**

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
Sodium ethylenediarnine tetraacetate	1 - 5	60-00-4	N/D	rat-oral: 3030 mg/kg

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	Safe for skin but should be rinsed off with water.
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	Safe for inhalation

5. Fire-fighting Measures

EXPLOSION AND FLAMMABILITY DATA

Flammable	No
Condition	Nothing
Extinction	Chemical foam, carbon dioxide, water
Flash Point (open cup)	Superior at 95 ° C
Autoinflammation temperature	N/D
Dangerous product made by combustion	Carbon oxide

6. Accidental Release Measures

PREVENTIVES MEASURES

Eyes Protection	You don't need a safety glass with normal using.
Respiratory Protection	You don't need a safety mask with normal using.
Skin Protection	You don't need a special thing for skin protection with normal using.
Technical installation	Put good ventilation for close chamber for eliminate a vapour could be concentrated.
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. 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	Clear liquid
Odor	Orange scent
pH	10.5
Specific Density (20°C)	1,03g/cc
Water solubility	yes
boiling Point	>> 100°C
Freeze Point	0°C
Vapor Pressure	N/D
Vapor Density	N/D

10. Stability and reactivity

REACTIVITY DATA

Chemical stability	Stable
Incompatibility with other products	Red uctor and oxidant
Conditions	If the product enter in contact with very reductor metal or oxidizer or acid it can produce hydrogen.
Polymerization	None
Decomposition product	Carbon oxide

11. Toxicological information

TOXICOLOGICAL DATA

Exposition limit	N/D
Absorption way	Inhalation ( ) Eyes (X) Skin ( ) Ingestion (X)
Chronics exposure with the product	N/D
Inhalation	No Object
Eyes	Eyes Irritation
Skin	Soap can irritate skin if it is apply directly on skin.
Ingestion	Irritation, nausea
Cancerogenicity	None
Toxic effect on reproduction	None
Teratogenicity	None
Mutagenicity	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