

1. Product and Company Identification

www.rxmarine.com

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 / Information on ingredients

www.rxmarine.com

HAZARDOUS INGREDIENTS

INGREDIENTS	Conc % W/W
Silicate Sodium	7 - 13
Sodium Hydroxide	7 - 13

3. Hazards Identification

www.rxmarine.com

N/A

4. First Aid Measures

www.rxmarine.com

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:

5. Fire-fighting Measures

www.rxmarine.com

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

www.rxmarine.com

PRECAUTIONARY MEASURES

Ocular protection	We advise to carry protective glasses.
Respiratory Protection	Under normal conditions, this product does not pose a problem.
Dermic 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 container water the residues left on the ground.
Waste disposal	To conform to the laws on the rejections of waste, local, provincial and
Handling and storage	To preserve in a container closed in a dry, fresh place.

7. Handling and Storage

www.rxmarine.com

N/A

8. Exposure controls and personal protection

www.rxmarine.com

N/A

9. Physical and chemical properties

www.rxmarine.com

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 N/D
Water/Oil

10. Stability and reactivity

www.rxmarine.com

DATA ON THE REACTIVITY

Chemical stability Stable in normal conditions 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

www.rxmarine.com

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
Inhalation Product is not dangerous for inhalation.
Eyes Irritation under direct contact, burns of the eyes.
Skin Irritant for skin, burns, dermatites.
Ingestion Irritation of the internal mucous membranes, can cause nausea.
Cancerogenicity reproduction None Toxic effects on
Teratogenicity None
Mutagenicity None
Name of the products synergistic None

12. Ecological information

www.rxmarine.com

N/A

13. Disposal considerations

www.rxmarine.com

N/A

14. Transport information

www.rxmarine.com

N/A

15. Regulatory information

www.rxmarine.com

N/A

16. Other information

www.rxmarine.com

N/A

Product Name RXSOL-22-2205-025
Product Type

DETERMATIC PLUS

Company Details:

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2. Composition / Information on ingredients

www.rxmarine.com

HAZARDOUS INGREDIENTS

INGREDIENTS	Conc % W/W
Silicate Sodium	7 - 13
Sodium Hydroxide	7 - 13

3. Hazards Identification

www.rxmarine.com

N/A

4. First Aid Measures

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

PRECAUTIONARY MEASURES

Ocular protection	We advise to carry protective glasses.
Respiratory Protection	Under normal conditions, this product does not pose a problem.
Derrmic 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 container water the residues left on the ground.
Waste disposal	To conform to the laws on the rejections of waste, local, provincial and national.
Handling and storage	To preserve in a container closed in a dry, fresh place.

7. Handling and Storage

www.rxmarine.com

N/A

8. Exposure controls and personal protection

www.rxmarine.com

N/A

9. Physical and chemical properties

www.rxmarine.com

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

www.rxmarine.com

DATA ON THE REACTIVITY

Chemical stability	
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

www.rxmarine.com

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	
Inhalation	Product is not dangerous for inhalation.
Eyes	Irritation under direct contact, burns of the eyes.
Skin	Irritant for skin, burns, dermatites.
Ingestion	Irritation of the internal mucous membranes, can cause nausea.
Cancerogenicity	None Toxic effects on
reproduction	None
Teratogenicity	None
Mutagenicity	None
Name of the products synergistic	None

12. Ecological information

www.rxmarine.com

N/A

13. Disposal considerations

www.rxmarine.com

N/A

14. Transport information

www.rxmarine.com

N/A

15. Regulatory information

www.rxmarine.com

N/A

16. Other information

www.rxmarine.com

N/A

Product Name RXSOL-22-2205-025
Product Type

RINCEMATIC

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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HAZARDOUS INGREDIENTS

INGREDIENTS	Conc % W/W
Propylene Glycol	1 -5

3. Hazards Identification

www.rxmarine.com

N/A

4. First Aid Measures

www.rxmarine.com

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

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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

www.rxmarine.com

PRECAUTIONARY MEASURES

Ocular protection	With a normal use, no eyes protection is necessary.
Respiratory Protection	No necessary protection.
Derrmic 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 container water the residues left on the ground.
Waste disposal	To conform to the laws on the rejections of waste, local, provincial and
Handling and storage	To preserve in a container closed in a dry, fresh place.

7. Handling and Storage

www.rxmarine.com

N/A

8. Exposure controls and personal protection

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N/A

9. Physical and chemical properties

www.rxmarine.com

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

www.rxmarine.com

DATA ON THE REACTIVITY

Chemical stability	
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	Carbon dioxide

11. Toxicological information

www.rxmarine.com

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		
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 nausea.
Carcinogenicity		None
Toxic effects on the reproduction		None
Teratogenicity		None
Mutagenicity		None
Name of the products synergistic		None

12. Ecological information

www.rxmarine.com

N/A

13. Disposal considerations

www.rxmarine.com

N/A

14. Transport information

www.rxmarine.com

N/A

15. Regulatory information

www.rxmarine.com

N/A

16. Other information

www.rxmarine.com

N/A

1. Product and Company Identification www.rxmarine.com

Product Name RXSOL-22-2205-025

Product Type

DETERCH LORE

Company Details:

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2. Composition / Information on ingredients

www.rxmarine.com

HAZARDOUS INGREDIENTS

INGREDIENTS	Conc % W/W
Sodium hydroxide	5 - 10
Sodium hypochlorite	1 -5

3. Hazards Identification

www.rxmarine.com

N/A

4. First Aid Measures

www.rxmarine.com

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

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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	N/D
sensitivity to the shocks:	
sensitivity to the electro discharges statics	N/D

6. Accidental Release Measures

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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 container water the residues left on the ground.
Waste disposal	To conform to the laws on the rejections of waste, local, provincial and
Handling and storage	To preserve in a container closed in a dry, fresh place.

7. Handling and Storage

www.rxmarine.com

N/A

8. Exposure controls and personal protection

www.rxmarine.com

N/A

9. Physical and chemical properties

www.rxmarine.com

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

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DATA ON THE REACTIVITY

Chemical stability

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

Sole in normal conditions of use

11. Toxicological information

www.rxmarine.com

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

Inhalation The vapor should be irritating

Eyes Irritation under direct contact, burns of the eyes.

Skin Irritant for skin, burns, dermatitis.

Ingestion Irritation of the internal mucous membranes, can cause nausea.

Carcinogenicity None Toxic effects on

reproduction None

Teratogenicity None

Mutagenicity None

Name of the products synergistic None

12. Ecological information

www.rxmarine.com

N/A

13. Disposal considerations

www.rxmarine.com

N/A

14. Transport information

www.rxmarine.com

N/A

15. Regulatory information

www.rxmarine.com

N/A

16. Other information

www.rxmarine.com

N/A

1. Product and Company Identification

www.rxmarine.com

Product Name

RXSOL-22-2205-025

Product Type

BIOSOLV 2

Company Details:

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2. Composition / Information on ingredients

www.rxmarine.com

HAZARDOUS INGREDIENTS

INGREDIENTS	Conc % W/W
Orange terpene	15 -40
Hydrotreated paraffin	60 - 85

3. Hazards Identification

www.rxmarine.com

N/A

4. First Aid Measures

www.rxmarine.com

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

www.rxmarine.com

EXPLOSION AND FLAMMABILITY DATA

Flammable Condition	Extreme heating and fire	No
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

www.rxmarine.com

PREVENTIVES MEASURES

Eyes Protection
Respiratory Protection
Skin Protection
Measures if a leaks and spills

Elimination

Safety Glass
Don't need special protective equipment
Rubber glove, boots, long clothing
Take off the leaks and put in a identify drums.
Rinse the floor with water
Conform with federal and provincial laws Put in a closed material.

7. Handling and Storage

www.rxmarine.com

N/A

8. Exposure controls and personal protection

www.rxmarine.com

N/A

9. Physical and chemical properties

www.rxmarine.com

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

www.rxmarine.com

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

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TOXICOLOGICAL DATA

Effects of the chronic exposure to the product	N/D
Inhalation	The aerosol can be irritating when the product is heated. <small>Irritation under direct contact from, Society of Montreal.</small>
Eyes	
Skin	Irritating for the skin.
Ingestion	Irritation of the internal mucous membranes can cause nauseas.
Carcinogenicity	None

Toxic effects on reproduction	None
Teratogenicity	None
Mutagenicity	None
Name of the products toxicologiquement synergistic	None

12. Ecological information

www.rxmarine.com

N/A

13. Disposal considerations

www.rxmarine.com

N/A

14. Transport information

www.rxmarine.com

N/A

15. Regulatory information

www.rxmarine.com

N/A

16. Other information

www.rxmarine.com

N/A

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