

1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-51-6004-025
Product Type H-100 Glycol

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

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Ingredient	%W/W	CAS number
ethylene glycol	60-100	107-21-1

3. Hazards Identification

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Eye irritant. Hazard of environment.

4. First Aid Measures

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Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Induce vomiting only on the direct advice of a poison control centre. Drink 1-2 glasses of water. Never give anything to an unconscious person. Get medical attention.
Eye contact	Flush with plenty of water for at least 15 minutes. Get medical attention.
Skin contact	Remove contaminated clothing and flush with plenty of water.

5. Fire-fighting Measures

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Flash point (test method)	116C (pensky-martens)
Flammable limits (%)	Non-flammable
Lower	Not applicable.
Upper	Not applicable
Fire extinguishing substances	Use dry chemicals, carbon dioxide, water spray or foam.
Autoignition temperatures	May liberate carbon monoxide, carbon dioxide, irritating aldehydes and ketones.
Hazardous combustion products	May liberate carbon oxides and nitrogen oxides.
Explosion data	
Sensitivity to mechanical impact	Not applicable
Sensitivity to static discharge	Not applicable
Special firefighting procedures	As for surrounding fire.

6. Accidental Release Measures

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Personal precautions	Wear appropriate protective equipment.
Environmental precautions	Prevent from entering sewers, waterways or low areas.
Methods for cleaning up	Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into container to prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material. Use appropriate container and flush with water.

7. Handling and Storage

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Handling	Do not ingest. Avoid contact with eyes, skin and clothing.
Storage	Keep out of reach of children. Keep container tightly closed.

8. Exposure controls and personal protection

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Engineering controls	Provide exhaust ventilation to keep airborne levels	
Respiratory protection	Not normally necessary. An NIOSH respirator may be worn.	
Eye protection	Chemical goggles. Wear a face shield if splashing hazard exists.	
Other protection	Not normally necessary.	
Exposure limits:		
INGREDIENT	ACGIH	OSHA
ethylene glycol	TLV CEIL: 100mg/m3 8 hours	

9. Physical and chemical properties

www.rxmarine.com

Physical state	Liquid
Solubility in water	Complete
Boiling point	Not available
Vapour pressure	Not available
Vapour density	Not available
Evaporation rate	Not available
Freezing point	-50C
Odour threshold	Not available
Sp. Gravity	1.079
pH	8.37
Appearance & odour	clear, colourless liquid

10. Stability and reactivity

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Stability	Stable
Conditions of instability	Not available
Incompatibility	(-) Water (-) Oxidizers (-) Acids (-) Bases (-) Other
Conditions of reactivity	Not available
Hazardous decomposition products	Not available

11. Toxicological information

www.rxmarine.com

POTENTIAL ACUTE HEALTH EFFECTS:		
Inhalation		No known significant effects
Ingestion		No known significant effects
Eye contact		May cause temporary discomfort and redness
Skin contact		May cause temporary discomfort
Skin absorption		Not available
POTENTIAL CHRONIC HEALTH EFFECTS:		
Inhalation		Repeat or prolonged exposure may cause damage to
Ingestion		Not available
Eye contact		Not available
Skin contact		Prolonged contact may cause discomfort
Skin absorption		Not available
Irritancy of product		See WHMIS criteria
Sensitization of product		Not available
Carcinogenicity:		
IARC (1, 2A or 2B)		No known significant effects.
ACGIH: (A1, A2 or A3)		No known significant effects.
Reproductive toxicity		No known significant effects.
Teratogenicity		No known significant effects.
Mutagenicity		No known significant effects.
Synergistic product		Not available

HAZARDOUS INGREDIENTS		
ethylene glycol	107-21-1	

12. Ecological information

www.rxmarine.com

Ecotoxicological information	Not available
Other information	

13. Disposal considerations

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Waste disposal	Disposal of all waste must be done according to lo
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14. Transport information

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TDG classification	Not regulated
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15. Regulatory information

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WHMIS	D2A	Material Causi
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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. Other information

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The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the users own assessment of workplace risk as required by other health and safety legislation.

Product Name RXSOL-51-6004-025
Product Type H-6040 Glycol Solution

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
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2. Composition / Information on ingredients

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Ingredient	%W/W	CAS number
ethylene glycol	60-100	107-21-1

3. Hazards Identification

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Eva version: Revised 01/06/2016

4. First Aid Measures

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Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Induce vomiting only on the direct advice of a poison control centre. Drink 1-2 glasses of water. Never give anything to an unconscious person. Get medical attention.
Eye contact	Flush with plenty of water for at least 15 minutes. Get medical attention.
Skin contact	Remove contaminated clothing and flush with plenty of water.

5. Fire-fighting Measures

www.rxmarine.com

Flash point (test method)	not available
Flammable limits (%)	Non-flammable
Lower	Not applicable.
Upper	Not applicable
Fire extinguishing substances	Use dry chemicals, carbon dioxide, water spray or foam.
Autoignition temperatures	Not applicable
Hazardous combustion products	May liberate carbon monoxide, carbon dioxide, irritating aldehydes and ketones.
Explosion data	
Sensitivity to mechanical impact	Not applicable
Sensitivity to static discharge	Not applicable
Special firefighting procedures	As for surrounding fire.

6. Accidental Release Measures

www.rxmarine.com

Personal precautions	Wear appropriate protective equipment.
Environmental precautions	Prevent from entering sewers, waterways or low areas.
Methods for cleaning up	Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into container to prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material. Use appropriate container and flush with water.

7. Handling and Storage

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Handling	Do not ingest. Avoid contact with eyes, skin and clothing.
Storage	Keep out of reach of children. Keep container tightly closed.

8. Exposure controls and personal protection

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Engineering controls	Provide exhaust ventilation to keep airborne levels below 100 mg/m ³ .
Respiratory protection	Not normally necessary. An NIOSH respirator may be worn.
Eye protection	Chemical goggles. Wear a face shield if splashing hazards exist.
Other protection	Not normally necessary.

Exposure limits:

INGREDIENT	ACGIH	OSHA
ethylene glycol	TLV CEIL: 100mg/m ³ 8 hours	

9. Physical and chemical properties

www.rxmarine.com

Physical state		Liquid
Solubility in water	Complete	
Boiling point	Not available	
Vapour pressure	Not available	
Vapour density	Not available	
Evaporation rate	Not available	
Freezing point	-50C	
Odour threshold	Not available	
Sp. Gravity	1.079	
pH	8.37	
Appearance & odour	clear, colourless liquid	

10. Stability and reactivity

www.rxmarine.com

Stability	
Conditions of instability	Not available
Incompatibility	(-) Water (O) Oxidizers (A) Acids (B) Bases (F) Flammable (T) Toxic (X) Irritant

15. Regulatory information

www.rxmarine.com

WHMIS

D2A

Material Cause

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. Other information

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1. Product and Company Identification

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Product Name RXSOL-51-6004-025
Product Type H-40 Glycol Solution

Company Details:

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2. Composition / Information on ingredients

www.rxmarine.com

Ingredient	%W/W	CAS number
ethylene glycol	50	107-21-1

3. Hazards Identification

www.rxmarine.com

Eye Irritant, Hazard of Environment

4. First Aid Measures

www.rxmarine.com

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Induce vomiting only on the direct advice of a poison control centre. Drink 1-2 glasses of water. Never give anything to an unconscious person. Get medical attention.
Eye contact	Flush with plenty of water for at least 15 minutes. Get medical attention.
Skin contact	Remove contaminated clothing and flush with plenty of water.

5. Fire-fighting Measures

www.rxmarine.com

Flash point (test method) not available

Flammable limits (%)	Non-flammable
Lower	Not applicable.
Upper	Not applicable
Fire extinguishing substances	Use dry chemicals, carbon dioxide, water spray or foam.
Autoignition temperatures	Not applicable
Hazardous combustion products	May liberate carbon monoxide, carbon dioxide, irritating aldehydes and ketones.
Explosion data	
Sensitivity to mechanical impact	Not applicable
Sensitivity to static discharge	Not applicable
Special firefighting procedures	As for surrounding fire.

6. Accidental Release Measures

www.rxmarine.com

Personal precautions	Wear appropriate protective equipment.
Environmental precautions	Prevent from entering sewers, waterways or low areas.
Methods for cleaning up	Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into container. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material. Dispose of in appropriate container and flush with water.

7. Handling and Storage

www.rxmarine.com

Handling	Do not ingest. Avoid contact with eyes, skin and clothing.
Storage	Keep out of reach of children. Keep container tightly closed.

8. Exposure controls and personal protection

www.rxmarine.com

Engineering controls	Provide exhaust ventilation to keep airborne levels below 10 mg/m ³ .
Respiratory protection	Not normally necessary. An NIOSH respirator may be worn.
Eye protection	Chemical goggles. Wear a face shield if splashing hazards exist.
Other protection	Not normally necessary.

Exposure limits:

INGREDIENT	ACGIH	OSHA
ethylene glycol	TLV CEIL: 100mg/m ³ 8 hours	

9. Physical and chemical properties

www.rxmarine.com

Physical state		Liquid
Solubility in water	Complete	
Boiling point	Not available	
Vapour pressure	Not available	
Vapour density	Not available	
Evaporation rate	Not available	
Freezing point	-40C	
Odour threshold	Not available	
Sp. Gravity	1.06	
pH	8.37	
Appearance & odour	clear, colourless liquid	

10. Stability and reactivity

www.rxmarine.com

Stability

Stable

Conditions of instability Not available

Incompatibility () Water () Oxidizers () Acids () Bases () Other

Conditions of reactivity Not available

Hazardous decomposition products Not available

11. Toxicological information

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POTENTIAL ACUTE HEALTH EFFECTS:

Inhalation

Irritating to respiratory system.

Ingestion

Toxic if swallowed. Causes headache, weakness, heart rate, decreased blood pressure, difficulty breathing, coma. Severe poisoning may cause death.

Eye contact

May cause temporary discomfort and redness

Skin contact

May cause temporary discomfort

Skin absorption

Not available

POTENTIAL CHRONIC HEALTH EFFECTS:

Inhalation

Repeat or prolonged exposure may cause damage to respiratory system.

Ingestion

Not available

Eye contact

Not available

Skin contact

Prolonged contact may cause discomfort

Skin absorption

Not available

Irritancy of product

See WHMIS criteria

Sensitization of product

Not available

Carcinogenicity:

IARC (1, 2A or 2B)

No known significant effects.

ACGIH: (A1, A2 or A3)

No known significant effects.

Reproductive toxicity

No known significant effects.

Teratogenicity

No known significant effects.

Mutagenicity

No known significant effects.

Synergistic product

Not available

HAZARDOUS INGREDIENTS

CAS NO

ethylene glycol 107-21-1

12. Ecological information

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Ecotoxicological information

Not available

Other information

13. Disposal considerations

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Waste disposal

Disposal of all waste must be done according to local regulations.

14. Transport information

www.rxmarine.com

TDG classification

Not regulated

15. Regulatory information

www.rxmarine.com

WHMIS

D2A

Material Causi

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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