Material Safety Data Sheet

Emergency Eye Wash Safety Shower (RXSOL-64-2610-001)

1. Product and Company Identifaction

Product Name	RXSOL-64-2610-001
Product Type	Foam-Brite Condenser Cleaner

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

INGREDIENT	CAS No.	UNITS
Propylene Glycol	57-55-6	--
Non-ionic surfactant blend	61789-40-0	--
Sodium Metasilicate	10213-79-3	--
Food grade colour dye		--
Water	7732-18-5	--

3. Hazards Identification

EYE CONTACT	Watering, blurred vision, inflammation, and irritation which can result in corneal injury.
SKIN CONTACT	Irritation, dermatitis.
INGESTION	Nausea, vomiting irritation of gastrointestinal tract,
INHALATION	Nasal and respiratory irritation, dizziness, narcosis, headache, nausea,
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

4. First Aid Measures

If on SKIN	Flush with large amounts of water. If irritation or burns occur, seek immediate medical attention.

If in EYES	Flush with large amounts of water for at least 15 minutes. Get medical attention if irritation persists.
INHALED	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
If SWALLOWED	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give any thing by mouth to an unconscious person.

5. Fire-fighting Measures

EXTINGUSING MEDIA	Use agents suitable for surrounding fires.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained breathing apparatus and other protective clothing. Hazardous decomposition products possible (see Section 10). Dike area as run-off may create additional environmental contamination
UNUSUAL FIRE AND EXPLOSION HAZARDS	Decomposition forms toxic fumes of sodium oxide. Flammable gas may be produced on contact with metals.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Keep people away. Wear chemical protective clothing. Stop discharge if possible. Isolate and remove discharged material. Flush and clean area with water

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep container closed and upright when not in use. Store only in polyethylene or glass containers. DO NOT USE METAL CONTAINERS.
OTHER PRECAUTIONS	Do not permit workers to handle product without proper training or proper protective equipment. Store in well-sealed containers, which are protected from physical damage. Empty containers may contain residues and vapours; treat as if full and observe all product precautions. Do not reuse container. KEEP OUT OF REACH OF CHILDREN.

8. Exposure controls and personal protection

RESPIRATORY PROTECTION (SPECIFY TYPE)	In confined, poorly ventilated areas, use NIOSH/MSHA approved self-contained breathing apparatus. None required for normal use in adequately ventilated areas where TLV is not exceeded.
VENTILATION - LOCAL EXHAUST	Acceptable
SPECIAL	Explosion proof
MECHANICAL (GENERAL)	Preferable
OTHER	N/A
PROTECTIVE GLOVES	Rubber or neoprene
EYE PROTECTION	Chemical splash goggles (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Coveralls recommended.
WORK/HYGIENIC PRACTICES	Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

9. Physical and chemical properties

BOILING POINT	>212 F (100 C) @ 760mm Hg
SPECIFIC GRAVITY (H20 = 1)	1.10
VAPOR PRESSURE (mm Hg)	1 @ 77 F (20 C)
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	>1
EVAPORATION RATE (ETHYL ACETATE = 1)	1
pH	9.5 - 10.5
APPEARANCE/ODOR	Clear Red Liquid/ Little or No Odour
SOLUBILITY IN WATER	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	None
INCOMPATIBILITY (MATERIALS TO AVOID)	Oxidizers, acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION	Will not occur

11. Toxicological information

CHRONIC HEALTH HAZARDS	No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Ingredient Name	Oral-Rat LD50	Inhalation-Rat LC50
Propylene Glycol	N/D	N/D
Sodium Metasilicate	1153 mg/kg	N/D

12. Ecological information

Product is not volatile, and is miscible with water. Concentrations of BioClean PG in the air are expected to be extremely low because of its low vapour pressure. It is readily biodegraded in water or soil (via aerobic and anaerobic mechanisms).

If a spill should occur, Foam-Brite partitions almost equally in water and soil. Relatively little will go into the air because of its low vapour pressure. Is not expected to bio-accumulate and is considered to be practically non-toxic to fish and aquatic invertebrates on an acute basis except at very high concentrations.

13. Disposal considerations

Waste Classification	Non-regulated liquid waste
Disposal Method	Dispose of all liquid waste in accordance with all local, state and federal regulations.

14. Transport information

Road & Rail Transport	NA
Marine Transport	NA

15. Regulatory information

NA

16. Other information

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.

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1. Product and Company Identifaction

Product Name	RXSOL-64-2610-001
Product Type	BioClean Cleaner Degreaser

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

INGREDIENT	CAS No.	UNITS
Alkyl polyglycoside (coconut derived surfactant)	68515-73-1	--
Propylene Glycol (Solvent)	5131-66-8	--
Sodium Metasilicate	6834-92-0	--
Trilon M Powder	164462-16-2	--

3. Hazards Identification

	Irritation to eyes, nose, and throat Skin irritation, dermatitis, and defatting.
	ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS
INHALATION	Nasal and respiratory irritation, dizziness, narcosis, headache, nausea,
EYE CONTACT	Watering, blurred vision, inflammation, and irritation which can result in corneal injury.
SKIN CONTACT	Irritation, dermatitis.
INGESTION	Nausea, vomiting irritation of gastrointestinal tract,
SUMMARY OF CHRONIC HAZARDS	Skin irritation, contact dermatitis, and defatting.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

4. First Aid Measures

If INHALED	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
If on SKIN	Immediately wash with soap and water. Remove and wash any contaminated clothing.
If in EYES	Flush with large amounts of water for at least 15 minutes. Get medical attention if irritation persists.
If SWALLOWED	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give any thing by mouth to an unconscious person.

5. Fire-fighting Measures

FLASH POINT	N/A
EXTINGUSING MEDIA	Foam, dry chemical, CO2, or water fog.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained full face piece breathing apparatus and full body protective clothing. Hazardous decomposition products possible (see Section 10). Evacuate area. Dike area as run-off may create additional environmental contamination.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Foam or water can cause frothing. Heat may build up pressure and rupture containers.

6. Accidental Release Measures

Environmental releases	In the event of a spill, the focus is on containing the spill to prevent contamination of soil, surface or ground water. If BioClean does reach soil and water nearby, it is considered practically non-toxic to aquatic organisms and it biodegrades rapidly. If BioClean is present in a fire situation, it can produce toxic fumes. Proper protective equipment should beworn.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Shake well before using. Keep away from heat, sparks and open flames.
OTHER PRECAUTIONS	Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

8. Exposure controls and personal protection

RESPIRATORY PROTECTION (SPECIFY TYPE)	In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators duringsoldering operations until fumes have dissipated.
VENTILATION - LOCAL EXHAUST	Acceptable
SPECIAL	Explosion proof
MECHANICAL (GENERAL)	Acceptable
OTHER	N/A
PROTECTIVE GLOVES	Wear rubber gloves.
EYE PROTECTION	Safety glasses (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Chemical resistant coveralls
WORK/HYGIENIC PRACTICES	Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

9. Physical and chemical properties

BOILING POINT	>212 F (100 C) @ 760mm Hg
SPECIFIC GRAVITY (H20 = 1)	1.04
VAPOR PRESSURE (mm Hg)	N/D
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	1
EVAPORATION RATE (ETHYL ACETATE = 1)	>1
pH	11.0
APPEARANCE/ODOR	Clear Green Liquid / Eucalyptus Odour
SOLUBILITY IN WATER	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	None
INCOMPATIBILITY (MATERIALS TO AVOID)	Oxidizers, acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION	Will not occur

11. Toxicological information

CHRONIC HEALTH HAZARDS	No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

12. Ecological information

Product is not volatile, and is miscible with water. Concentrations of BioClean PG in the air are expected to be extremely low because of its low vapour pressure. It is readily biodegraded in water or soil (via aerobic and anaerobic mechanisms).

If a spill should occur, Foam-Brite partitions almost equally in water and soil. Relatively little will go into the air because of its low vapour pressure. Is not expected to bio-accumulate and is considered to be practically non-toxic to fish and aquatic invertebrates on an acute basis except at very high concentrations.

13. Disposal considerations

Waste Classification	Non-regulated liquid waste
Disposal Method	Dispose of all liquid waste in accordance with all local, state and federal regulations.

14. Transport information

NA

15. Regulatory information

NA

16. Other information

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.

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1. Product and Company Identifaction

Product Name	RXSOL-64-2610-001
Product Type	Ice Machine Cleaner

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

INGREDIENT	CAS No.	UNITS
Lactic Acid	50-21-5	--
Citric Acid	5949-29-1	--
Filtered Water		--

3. Hazards Identification

Not classified as a Dangerous Goods under NZS 5433	2007 Transport of Dangerous Goods on Land.
	Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.
Subclass 8.3 Category A	Substances that are corrosive to ocular tissue.
Subclass 8.2 Category C	Causes serious eye damage
	Causes severe skin burns and eye damage
	Keep out of reach of children
	Read label before use
	Wear protective gloves

4. First Aid Measures

Inhalation	Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Skin Contact	If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.
Eye Contact	Immediately wash in and around the eye area with large amounts of water for at least 15 minutes.

5. Fire-fighting Measures

FLASH POINT	None
EXTINGUSING MEDIA	Use agents appropriate for surrounding fires.
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10). Evacuate immediate area.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Evacuate area and keep upwind until gas has dispersed. Dike spill. Dilute with water fog (direct application of alkali may cause violent splattering). Neutralize with Soda Ash then sweep/shovel up spills or use an industrial vacuum cleaner Persons not wearing protective equipment and clothing should be restricted from areas of spills or leaks until clean up has been completed.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames. This product will attack glass, concrete and certain metals. Store only in plastic containers. DO NOT USE METAL CANS.
OTHER PRECAUTIONS	Refrain from splashing product when pouring. Avoid all contact with skin or clothing. Empty containers may contain residues and vapours. KEEP OUT OF REACH OF CHILDREN.

8. Exposure controls and personal protection

RESPIRATORY PROTECTION (SPECIFY TYPE)	In confined poorly ventilated areas,use NIOSH/MSHA P2 approved air purifying or supplied air purifying or supplied air respirators.
VENTILATION - LOCAL EXHAUST	Acceptable
SPECIAL	N/A
MECHANICAL (GENERAL)	Acceptable
OTHER	N/A
PROTECTIVE GLOVES	Wear acid resistant gloves (neoprene, PVC, butyl rubber). EYE PROTECTION: Full-face shield and chemical splash goggles (ANSI Z-87.1 or equivalent).
EYE PROTECTION	Safety glasses (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Acid resistant vinyl or polyethylene coated coveralls.
WORK/HYGIENIC PRACTICES	Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

9. Physical and chemical properties

BOILING POINT	>212 @ 760mm Hg
SPECIFIC GRAVITY (H20 = 1)	1.27
VAPOR PRESSURE (mm Hg)	3.4 @ 68 F (20 C)
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	1
EVAPORATION RATE (ETHYL ACETATE = 1)	1
pH	11.0
APPEARANCE/ODOR	Clear Liquid / Irritating Odour
SOLUBILITY IN WATER	Soluble

10. Stability and reactivity

STABILITY	Stable under normal conditions of use.
CONDITIONS TO AVOID	Avoid exposure to heat.
INCOMPATIBILITY (MATERIALS TO AVOID)	Incompatible with strong oxidising agents, alkalis, carbon steel and sources of ignition. The solution will very slowly corrode mild steel and soften concrete.
HAZARDOUS POLYMERIZATION	Will not occur

11. Toxicological information

Swallowed	No adverse effects expected, however, large amounts may cause nausea and vomiting. Swallowing may result in irritation of the mouth and throat. Frequent or large oral doses can cause tooth erosion.
Eye	A severe eye irritant. Contamination of eyes can result in permanent injury
Skin	Contact with skin may result in irritation.
Inhaled	May cause irritation to the nose and lungs. Use in fresh air recommended.

12. Ecological information

Ecotoxicity Effects	Highly toxic for fish, not considered to be toxic for bacteria.
Degradability	Easily biodegradable.

13. Disposal considerations

Disposal Method	Dispose of absorbed materials and liquid waste in accordance with all local, state and federal regulations.

14. Transport information

Road & Rail Transport	Not classified as a Dangerous Goods under NZS 5433:2007 Transport of Dangerous Goods on land.
Marine Transport	Not classified as Dangerous Goods by the criteria of the international Air Transport Association (IATA) NON DANGEROUS GOODS.

15. Regulatory information

Classification	Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.
Subclasses	Subclass 6.1 Category E - Substances which are acutely toxic.

Subclass 6.3 Category B	Substances that are mildly irritating to the skin.
Subclass 8.3 Category A	Substances that are corrosive to ocular tissue.

16. Other information

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.

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1. Product and Company Identifaction

Product Name	RXSOL-64-2610-001
Product Type	Bluey Leak Detector

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

INGREDIENT	CAS No.	UNITS
Thickening agent	78330-23-1	--
Alcohol Ethoxysulphate	9004-82-4	--
Blue dye food grade		--
Filtered water	7732-18-5	--

3. Hazards Identification

SUMMARY OF ACUTE HAZARDS	None known.
	ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS
INHALATION	None
EYE CONTACT 5.4A	May cause serious eye irritation.
SKIN CONTACT 6.3A	May cause skin irritation
INGESTION	May cause nausea and vomiting. Not expected to produce toxic effects unless large amounts are ingested.
SUMMARY OF CHRONIC HAZARDS	None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.

4. First Aid Measures

If INHALED	N/A
If on SKIN	Wash with water.
If in EYES	Flush eyes with large amounts of water. Get medical attention if irritation persists.
If SWALLOWED	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

FLASH POINT	None
EXTINGUSING MEDIA	Non-flammable. Use agents appropriate for surrounding fires
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained full face piece breathing apparatus and other protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS	None

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Use absorbent materials to prevent footing hazard and to contain.

7. Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep container closed and upright when not in use.
OTHER PRECAUTIONS	Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

8. Exposure controls and personal protection

RESPIRATORY PROTECTION (SPECIFY TYPE)	None required.
VENTILATION - LOCAL EXHAUST	Acceptable
SPECIAL	N/A
MECHANICAL (GENERAL)	Acceptable
OTHER	N/A
PROTECTIVE GLOVES	Wear rubber gloves.

EYE PROTECTION	Safety glasses (ANSI Z-87.1 or equivalent)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	N/A
WORK/HYGIENIC PRACTICES	Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

9. Physical and chemical properties

BOILING POINT	212 F (100 C) @ 760mm Hg
SPECIFIC GRAVITY (H20 = 1)	0.99
VAPOR PRESSURE (mm Hg)	1 @ 68 F (20 C)
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	>1
EVAPORATION RATE (ETHYL ACETATE = 1)	1
APPEARANCE/ODOR	Blue Liquid / Mild Odour
SOLUBILITY IN WATER	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	None
INCOMPATIBILITY (MATERIALS TO AVOID)	None
HAZARDOUS DECOMPOSITION PRODUCTS	CO, CO, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION	Will not occur.

11. Toxicological information

CHRONIC HEALTH HAZARDS	No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
Ingredient Name	N/A

12. Ecological information

Ingredient Name	N/A

13. Disposal considerations

Waste Classification	Non-regulated liquid waste.
Disposal Method	Dispose of absorbed materials and liquid waste in accordance with all local, state and federal regulations.

14. Transport information

Road & Rail Transport	Not classified as a Dangerous Goods under NZS 5433:2007 Transport of Dangerous Goods on land.
Marine Transport	Not classified as Dangerous Goods by the criteria of the international Air Transport Association (IATA) NON DANGEROUS GOODS

15. Regulatory information

Ingredient Name	SARA 313	TSCA Inventory	CERCLA RQ	RCRA Code
N/A	No	All ingredients listed	N/A	N/A

16. Other information

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.
