Material Safety Data Sheet

High Foaming Aircraft Cleaner (RXSOL-41-4126-025)

1. Product and Company Identifaction

Product Name	RXSOL-41-4126-025
Product Type	High Foaming Aircraft Cleaner

Company Details:

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

Stock Point : Mumbai, Kolkata, Chennai, Gandhidham, Visakhapatnam, Fujairah, Muscat

Phone	+91 22 27815541 / 42
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Ingredient	CAS No	Percent
Ethylene Glycol Monobutyl Ether	111-76-2	4-6
Isopropyl Alcohol	67-63-0	3-4
AR 100 Solvent	64742-95-6	2-3
Sodium metasilicate	6834-92-0	1-2
Borax	1303-96-4	1-2
Sodium Nitrite	7632-00-0	1
Ethyl Alcohol	64-17-5	1
Diethanolamine	111-42-2	1

3. Hazards Identification

Classification

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation: Category 2

Germ cell mutagenicity : Category 1B

Carcinogenicity: Category 1A

Reproductive toxicity : Category 1B

Flammable Liquids: Category 3

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Signal Word

Danger

Hazard Statements

Causes skin irritation

Causes serious eye irritation

May cause genetic defects

May cause cancer

May damage fertility or the unborn child

Flammable liquid and vapor

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wear protective gloves/protective clothing Wear eye/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing If eye irritation persists: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower If skin irritation occurs: Get medical advice/attention

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

IN CASE OF FIRE: Use CO_2, dry chemical, or foam for extinction

Precautionary Statements - Storage Store locked up Store in a well-ventilated place.

Keep cool Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant Other

Hazards Harmful to aquatic life with long lasting effects

4. First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/ attention. Wash contaminated clothing before reuse
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
Ingestion	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.
Symptoms	Causes skin irritation. Causes serious eye irritation. May be harmful if swallowed. May cause genetic defects. May cause cancer. May damage fertility or the unborn child.
Notes to Physician	Treat symptomatically.

5. Fire-fighting Measures

Suitable Extinguishing Media Water fog. Foam. Dry chemical.

Carbon dioxide (CO2).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water may be used to cool containers to prevent pressure build up. Do not release runoff from fire control methods to sewers or waterways.

6. Accidental Release Measures

Personal Precautions	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ventilate affected area.
Environmental Precautions	See Section 12 for additional Ecological Information.
Methods for Containment	Prevent further leakage or spillage if safe to do so. Prevent runoff to storm sewers and ditches leading to natural waterways.
Methods for Clean-Up	Absorb with inert material, and then place in suitable container for chemical waste. Dispose of contents/container to an approved waste disposal plant.

7. Handling and Storage

Precautions for safe handling Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Wash contaminated clothing before reuse.
Storage Conditions	Store in a cool, well-ventilated area, away from ignition sources and incompatible materials. Keep container tightly closed. Store locked up.
Incompatible Materials	None known based on information supplied.

8. Exposure controls and personal protection

Engineering Controls	Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.
Personal protective equipment	Eye/Face Protection Chemical safety goggles are recommended. Skin and Body Protection Impervious gloves and protective clothing are recommended. Respiratory Protection If vapors or mists are present, wear a MSHA/NIOSH-approved respirator. Seek profession advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134). For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear a SCBA. Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Physical State : Liquid

Appearance : Clear yellow liquid

Odor : Pungent

pH : 11.8 (20% solution)

Melting Point/Freezing Point : Not determined

Boiling Point/Boiling Range : 97 °C / 208 °F

Flash Point: 47 °C / 118 °F

Evaporation Rate : 2.88 (butyl acetate = 1)

Flammability (Solid, Gas) : Liquid- Not Applicable

Upper Flammability Limits : Not determined

Lower Flammability Limit : Not determined

Vapor Pressure: 33 @ 20°C (68°F)

Vapor Density: Not determined

Specific Gravity : 1.0218

Water Solubility: Miscible in water

Solubility in other solvents : Not determined

Partition Coefficient : Not determined

Auto-ignition Temperature: Not determined

Decomposition Temperature : Not determined

Kinematic Viscosity : Not determined

Dynamic Viscosity : 5 cps

10. Stability and reactivity

Reactivity Not reactive under normal conditions.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid Keep out of reach of children.

Incompatible Materials None known based on information supplied.

Hazardous Decomposition Products Decomposition will not occur if handled and stored properly.

11. Toxicological information

Product Information

Eye Contact Causes serious eye irritation.

Skin Contact Causes skin irritation.

Inhalation Do not inhale.

Ingestion May be harmful if swallowed.

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Germ cell mutagenicity May cause genetic defects.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

13. Disposal considerations

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport information

Note This product will not sustain combustion using the Sustained Combustibility Test Method in US 49 CFR 173 Appendix H, and in IATA 3.3.1.3(a).

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. Regulatory information

16. Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents.The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product .in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other.