Material Safety Data Sheet

Ozone (RXSOL-41-8351-025)

1. Product and Company Identifaction

Product Name	**Ozone**
Product Type	**RXSOL-41-8351-025**

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Component	CAS #	%	PEL	TLV
Ozone Gas	10028-15-6			O.lppm

3. Hazards Identification

Health Hazards: Irritation of the eyes and respiratory tract. Inhalation of the gas may cause lung edema or asthmatic reactions. Symptoms may not become noticeable for several hours. Lungs may be affected by repeat or prolonged exposure.

Carcinogenicity: None known.

Medical Conditions

Aggravated by Exposure: N/A

Methods of Exposure: Inhalation and contact on skin and eyes.

Symptoms of Exposure: Cough, dry throat, irritated eyes, headache. Possible asthma-like symptoms with overexposure.

4. First Aid Measures

Eye and Skin: Move to fresh air. Inhalation: Move to fresh air. Seek medical attention if asthma-like symptoms are noticed. Ingestion: N/A

5. Fire-fighting Measures

Not flammable, but enhances combustion of other substances to cause fire or explosion.

Flash Point: N/A

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Fire Extinguishing
Media: Use the extinguisher appropriate to burning material.

Special Firefighting Procedures: None Unusual

Fire Hazards: Increased oxygen can feed fire. Explosion Hazards: None

6. Accidental Release Measures

7. Handling and Storage

Storage and Handling: N/A

Spill Response: N/A

Waste Disposal: N/A

Other Precautions: EPA Recommended

Exposure Limits: 0.1ppm/8hrs or maximum 0.3ppm for 10 mins.

NOTE: Threshold limit values refer to airborne concentrations of ozone and represent conditions under which it is believed that nearly all workers may repeatedly be exposed day after day without adverse effect, however a small percentage of workers may experience discomfort at levels below those listed.

8. Exposure controls and personal protection

This gas is designed 10 be used for a limited time in a controlled environment.

Eye Protection: None

Ventilation: When treatment is complete, ventilate the area completely until all smell of ozone is gone. Do not allow people or pets into the area until the ozone smell is eliminated.

Respiratory Protection: Do not use in inhabited spaces. Clear all people, animals, plants and any other organic life from the area to be treated.

Protective Clothing or Other Equipment: None WorklHygienic Practices: N/A

9. Physical and chemical properties

Appearance and Odor	Colorless gas, pungent odor. Minimum detectable odor at 0.02ppm.
Boiling Point	169.soF
Vapor Pressure	at 200 C (680 F)
Vapor Density (air +1)	at boiling point of ozone, 169.so F
Solubility in Water	N/A
Specific Gravity (H_{20} = 1)	1.6 g/l
Melting Point	3WF
Evaporation Rate ($H^2$0=1)	N/A

10. Stability and reactivity

Stability: Unstable. Begins to dissipate immediately. Conditions to Avoid: N/A Incompatibility: High levels for extended periods will cause deterioration of rubbers, paint and metal. Hazardous Decomposition: N/A Hazardous Polymerization: None

Disclaimer: The information in this document applies to workplace exposure and is not designed for the population at large. Any generalization beyond occupational exposures should not be made.

11. Toxicological information

12. Ecological information

13. Disposal considerations

14. Transport information

15. Regulatory information

16. Other information