

Material Safety Data Sheet

Date of Preparation: 04/14/04

SPARKLE

Revision: 03/13/09

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: SPARKLE

Chemical Formula:

CAS Number:

Other Designations:

General Use: AEROSOL

Manufacturer: MIRANDY PRODUCTS, LLC., 1078 GRAND AVE. S. HEMPSTEAD, NY 11550

(516) 489-6800

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☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
Methanol	67-56-1	01-05
Ethanol	64-17-5	01-05
Ethylene Glycol Monobutyl	111-76-2	01-05
Liquified Petroleum Gas	68476-85-7	05-10

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Methanol	200ppm	200ppm	200ppm	200ppm	N/E	N/E	N/E
Ethanol	400ppm	400ppm	400ppm	400ppm	N/E	N/E	N/E
Ethylene Glycol Monobutyl Ether	50ppm	50ppm	50ppm	50ppm			
Liquified Petroleum Gas	1000ppm	1000 ppm	1000 ppm	1000 ppm	N/E	N/E	N/E

Section 3 - Physical and Chemical Properties

Physical State:

Appearance and Odor: Transparent Liquid, Proprietary Scent.

Odor Threshold:

Vapor Pressure of can: (psig @72 F): 70

Vapor Density (Air=1): >1

Formula Weight:

Density:

Specific Gravity (H₂O=1, at 70 °C): 0.99

pH: -11

Water Solubility: Soluble

Other Solubilities:

Boiling Point: - 207 F

Freezing/Melting Point:

Viscosity:

Refractive Index:

Surface Tension:

% Volatile:

Evaporation Rate:

Total VOC %: <12%

Section 4 - Fire-Fighting Measures

Flash Point (of Concentrate only): None to boiling (-207 F)

Flash Point Method:

Burning Rate:

Autoignition Temperature:

Flammability Classification: Non - Flammable Spray

Extinguishing Media: Foam, CO₂, Dry Media

Unusual Fire or Explosion Hazards: Exposure to temperatures above 120F may cause bursting.

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxides.

NFPA



Fire-Fighting Instructions: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure-demand or positive-pressure mode.

Section 5 - Stability and Reactivity

Stability: Material Stable

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Avoid contact with strong oxidizing agents.

Conditions to Avoid:

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes:

Target Organs:

Acute Effects

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive and excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Eye: Vapors or liquid in high concentrations may cause slight irritation and redness but does not injure eye tissue.

Skin: Frequent or prolonged contact may cause irritation.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

Carcinogenicity: IARC, NTP, and OSHA do not list product.

Medical Conditions Aggravated by Long-Term Exposure:

Chronic Effects:

Emergency and First Aid Procedures

Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops, give artificial respiration.

Eye Contact: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists, get medical attention immediately.

Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.

Ingestion: Immediately drink two glass of water and induce vomiting by either giving IPECAC syrup or by placing finger at back of the throat. NEVER give anything by mouth to an unconscious person. Seek medical attention immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians:

Special Precautions/Procedures:

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak.

Small Spills:

Large Spills

Containment:

Cleanup: Cover with absorbent material and sweep up. Wash area to prevent slipping.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Disposal: Follow applicable Federal, state, and local regulations.

Disposal Regulatory Requirements:

Container Cleaning and Disposal: Aerosol cans, when emptied and depressurized through normal use, pose not disposal hazard and should be recycled. Consult federal, state and local authorities for approved procedures.

Ecological Information:

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general exhaust ventilation systems to maintain TLV of (Sec. 2) ingredients below acceptable limits.

Administrative Controls:

Respiratory Protection: None needed for proper use in accordance with label directions.

Protective Clothing/Equipment: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

Safety Stations:

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Special Precautions and Comments

Handling Precautions:

Storage Requirements: Keep out of reach of children. For industrial and institutional use only. Store in a cool, dry area, away from heat and open flame. Do not store at temperatures over 120F.

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