

AMR17316

[20924700]

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION	
NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special-0	HMS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B
Manufactured For: Rose Products & Services, Inc.	DOT Hazard Classification: ORM-D
Address: 545 Stimmel Road	Identity (trade name as used on label):
Address: Columbus, Ohio 43223	ROSE SPOT SHOT
Phone: (614) 443-7647	MSDS Number: 173 Revision -4
EMERGENCY RESPONSE NUMBER:	Date Prepared: 7/18/97 Prepared By: DL
NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	Information Calls: (770) 422-2071

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ACETONE	67-64-1	No	1000	750	d
ISOPROPANOL	67-63-0	No	500	400	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
2-BUTOXY ETHANOL	111-76-2	Yes	50	25	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: N/A	Specific Gravity (H ₂ O=1): Concentrate Only = 0.885
Vapor Pressure: PSIG @ 70°F (Aerosols): Max. 60	Vapor Pressure (Non-Aerosols) (mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: Soluble	Water Reactive: No
Appearance and Odor: Clear spray with sweet fragrance.	
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA	
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) 12 inch projection	Auto Ignition Temperature N/E
FLASH POINT AND METHOD USED (non-aerosols): N/A	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.	EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.	

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizers	Conditions to Avoid: Open flame, welding arcs, heat.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.	

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	

ACUTE EFFECTS	
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.	
Eye Contact: Slight irritation.	Skin Contact: Slight irritation.
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.	
CHRONIC EFFECTS: Headache, dizziness, nausea, possible unconsciousness if vapor concentration exceeds TLV.	
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.	
Skin Contact: Wash with soap and water. If irritated, seek medical attention.	
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.	
Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH to be used in positive pressure mode.	
Protective Gloves: Disposable latex gloves suggested.	Eye Protection: Safety glasses recommended.
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.	
Other Protective Clothing & Equipment: None	
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: Flush to sewer with water.	
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.	
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.	
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.	

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only