



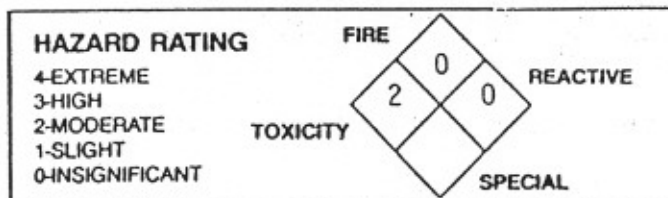
Material Safety Data Sheet

SECTION I — IDENTITY AND MANUFACTURER'S INFORMATION

Manufacturer's Name	James Varley & Sons, Inc.	Product Name	Daily Dose
Address	1200 Switzer Avenue St. Louis, Missouri 63147	Date Prepared	November 14, 1987
Emergency Telephone No. And Other Information Calls	314-383-4372		

SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #'s	ACGIH TLV	Listed as a Carcinogen in NTP	% (Optional)
Isopropyl Alcohol	67-63-0	400 PPM	NO	



SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	210° F	Specific Gravity (H ₂ O = 1)	1.00
Vapor Pressure (mm Hg.)	20	Percent Volatile By Volume (%)	98
Vapor Density (AIR = 1)	0.6	Evaporation Rate (WATER = 1)	0.10
Solubility in Water	Complete	Appearance and Odor	Red Cherry Odor

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-Flammable	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media	Foam, "Alcohol" Foam, CO ₂ , Dry Chemical and Water Spray			
Special Fire Fighting Procedures	Wear NIOSH/MSHA Approved respirator when fighting fires in confined areas to prevent exposure to acrid smoke and hazardous decomposition products.			
Unusual Fire and Explosion Hazards	None Known			

SECTION V — PHYSICAL HAZARDS

Stability	Unstable <input type="checkbox"/>	Conditions to Avoid	Avoid use or storage below 32° F and above 120° F.
	Stable <input checked="" type="checkbox"/>		
Incompatibility (Materials to Avoid)	Strong oxidizers, Bleach, Disinfectants, other harsh drain chemicals		
Hazardous Decomposition Products Or Byproducts	Oxides of Carbon Acrid smoke		

Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions To Avoid	N/A
	Will Not Occur <input checked="" type="checkbox"/>		

SECTION VI — HEALTH HAZARD DATA

Route(s) of Entry: Absorption Inhalation? NO Skin? YES Ingestion? YES

-Acute-(short term exposure) Direct contact with the eyes may cause irritation. May cause allergenic skin or respiratory reaction. May irritate sensitive skin after prolonged and repeated contact. -Chronic-(long term exposure) Direct contact with eyes for prolonged

period of time can cause mild irritation. Prolonged skin contact may cause reddening of skin
 Signs and Symptoms of Exposure with irritation leading potentially to dermatitis.
 Target Organs: Eyes and Skin

Medical Conditions
 Generally Aggravated by Exposure

Emergency and First Aid Procedures Inhalation: Typically not a hazard, but get to fresh air and treat symptomatically. Eye Contact: Object is to seek medical attention immediately. Immediately flush with plenty of water for at least 15 minutes holding eyelids apart to insure flushing of the entire eye surface. Seek medical attention if any irritation persists. Skin Contact: wash with plenty of water. Seek medical attention if any irritation persists. Ingestion: if large quantities have been ingested, give 2 glasses of water and induce vomiting.

SECTION VII — PRECAUTIONS FOR SAFE HANDLING AND USE SEEK MEDICAL ATTENTION.

Steps To Be Taken In Case Material Is Released Or Spilled

Flush down drain with large volume of water.

Waste Disposal Method
 Flush down drain with large volume of water.

Precautions To Be Taken In Handling And Storing Store at moderate temperatures. Avoid storage below 32° C F
 and above 120° F.

Other Precautions KEEP OUT OF REACH OF CHILDREN. Read entire label before using.

SECTION VIII — CONTROL MEASURES

Respiratory Protection (Specify Type) Avoid breathing spray mist. If product is misted, a NIOSH/MSHA approved mask for spray mists is recommended

Ventilation	General	Local Exhaust	Mechanical (General)	Special	Other
exhaust is adequate		Yes			
Protective Gloves	Gloves may be worn to minimize skin contact			Eye Protection	Goggles may be worn to minimize eye contact
Other Protective Clothing Or Equipment	N/A				

Work/Hygienic Practices

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