

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

H HEALTH	3
F FLAMMABILITY	2

IDENTITY (As Used on Label and List) **BARBICIDE**

Note: Blank spaces are not permitted. If any item is not applicable, information is available, the space must be marked to indicate so.

R REACTIVITY	0
P PERSONAL PROTECTION	B

Section I

Manufacturer's Name KING RESEARCH, INC.	Emergency Telephone Number
Address (Number, Street, City, State, and ZIP Code) 114 - 12th STREET BROOKLYN, NY 11215	Telephone Number for Information (718) 788-0122
	Date Prepared July 1, 1997
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
ISOPROPYL ALCOHOL	CAS #000067-63-0			13%
DIMETHYL BENZYL AMMONIUM CHLORIDE	CAS #68424-85-1			5.12%
SODIUM NITRITE	CAS #7632-00-0			2%

Section III — Physical/Chemical Characteristics

Boiling Point	212° F	Specific Gravity (H ₂ O = 1)	1.00
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	COMPLETE pH 9.0 - 10.1		

Appearance and Odor
BLUE LIQUID WITH PLEASANT ODOR

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	91° F (Tag Closed Cup)	Flammable Limits	LEL	UEL
		N/A		

Extinguishing Media
Water, dry chemical, carbon dioxide, foam

Special Fire Fighting Procedures
None needed

Unusual Fire and Explosion Hazards
None

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin? X	Ingestion? X
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Health Hazards (Acute and Chronic)
 EYE: Direct contact may cause eye damage
 SKIN: Repeated contact can cause irritation

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated?
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Signs and Symptoms of Exposure
 Mild irritation of mucous membrane

Medical Conditions
 Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures
 Skin and Eye Contact: Flush with water for 15 minutes. Call a physician. Ingestion: Drink large amounts of water, call a physician

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
 Flush with water.

Waste Disposal Method
 Dispose of on site or at an approved waste disposal facility.
 Wrap container and put in trash.

Precautions to Be Taken in Handling and Storing
 Store in cool area at room temperature. Avoid freezing.

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type)
 None required for normal operations.

Ventilation	Local Exhaust	Special
	Mechanical (General) X	Other

Protective Gloves
 Rubber or Neoprene

Eye Protection
 Splash-Proof Goggles

Other Protective Clothing or Equipment
 Impervious Apron - Eye Wash Facility

Work/Hygienic Practices
 Handle this and all chemicals with care.