BARBICIDE[®]

U.S. Department of Labor

Material Safety Data Sheet

May be used to comply with	Occupational Safety and Health Administration
OSHA's Hazard Communication Standard,	(Non-Mandatory Form)
29 CFR 1910.1200. Standard must be	Form Approved
consulted for specific requirements.	OMB No. 1218-0072
IDENTITY (As used on Label and List)	Note: Blank spaces are not permitted. If any item is
BARBICIDE	not applicable, or no information is available, the
	space must be marked to indicate that.

Section I

Manufacturer's Name: King Research, Inc. Emergency Telephone Number: (800) 42		Emergency Telephone Number: (800) 424-9300	
Address:	$114 - 12^{\text{th}}$ Street	Telephone Number for Information: (718) 788-0122	
	Brooklyn, NY 11215	Date Prepared: November 17, 2004	
		Signature of Preparer (optional)	

Section II – Hazardous Ingredients/Identity information

Hazardous Components (Specific Chemical Identity; Common Names(s) OSHA PEL ACGIH TLV Other Limits %(optional)

Isopropyl Alcohol	CAS #67-63-0	N/D	N/D	N/D	13.0%
Dimethyl Benzyl Ammonium Chloride	CAS #68424-85-1	N/D	N/D	N/D	5.12%
Sodium Nitrite	CAS #7632-00-0	N/D	N/D	N/D	2.0%

Section III – Physical/Chemical Characteristics				
Boiling Point:	212°F	Specific Gravity ($H_2O = 1$) 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 10.0 – 11.0				
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:N/ALELUEL				
Extinguishing Media: Water, dry chemical, carbon dioxide, foam.				
Special Fire Fighting Procedures: None needed.				
Unusual Fire and Explosion Hazards: None Known				

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Section V – Reactivity Dat	a					
Stability:	Unstable:		Conditions to Avoid:	Extremely high temperature		
	Stable:	Х				
Incompatibility (Materials to Avoid): None Known						
Hazardous Decomposition or	hyproducts: None Known					
Hazardous Decomposition of	byproducts. None Known					
Hazardous Polymerization: May Occur: Conditions to Avoid: N/A						
, i i i i i i i i i i i i i i i i i i i	Will Not Occur:	X				
Section VI – Health Hazar	d Data					
Route(s) of Entry: Ey	ves Skin		Ingestion			
Health Hazards (Acute and Ch						
	Skin: Repeated contact		ause irritation.			
	Ingestion: Call a physi					
Carcinogenicity: NT	TP N/D IAR	C Mor	ographs N/D	OSHA Regulated N/D		
<u> </u>						
Signs and Symptoms of Expos	sure: Mild irritation of mucous	s mem	orane.			
M. P. LO. P.						
Medical Conditions	None Known					
Generally Aggravated by Expo						
Emergency and First Aid Proc	edures: If in Eves: Hold eve or	nen an	d rinse slowly and gentl	y with water for 15-20		
minutes. Remove contact 1	enses, if present, after the first	5 min	ites, then continue rinsi	ng eve. If on Skin or		
	nated clothing. Rinse skin imi					
	p a glass of water if able to swa					
	doctor. Do not give anything					
	when calling a Poison Control					
	al damage may contraindicate					
Section VII – Precaution for Safe Handling and Use						
Steps to be Taken in Case Material Is Released or Spilled: Dispose of small amounts by flushing with large quantities						
of water to drain. Larger amounts should be taken to a waste disposal facility.						
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 Decentioner, New yorked						
Other Precautions: None needed						

Section VIII – Control Measures				
Respiratory Protection (Specify Type) None required for normal operations.				
Ventilation:	: Local Exhaust: Normally sufficient		Special:	
	Mechanical (General): Not needed		Other:	
Protective Gloves: Rubber or Neoprene Eye Protection: Splash-proof goggles			ection: Splash-proof goggles	
Other Protective Clothing or Equipment: Impervious apron. Eye wash facility.				
Work/Hygienic Practices: Handle this and all chemicals with care.				