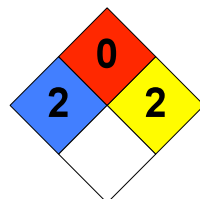


# BARBICIDE PLUS



Health	2
Fire	0
Reactivity	2
Personal Protection	Safety Glasses, Gloves

## Material Safety Data Sheet Barbicide Plus

### Section I-General Information

Distributed by: King Research, Inc 7025 West Marcia Road Milwaukee, WI 53221	24 Hour Emergency Telephone Number: Veolia Environmental Services Inc. 1-262-512-8000
	Telephone for Information: (414) 371-3149
Date Prepared: 12/30/09	Prepared by: Ron Dunnett

### Section II- Hazardous Ingredients/Identity Information

Hazardous Components	CAS#	Hazardous	OSHA PEL	ACGIH TLV	Other Limits Recommended	% by Weight (Optional)
*Isopropyl alcohol	67-63-0	Yes	400 ppm	400 ppm	400 ppm	5-10%
o-benzyl-p-chorophenol	120-32-1	Yes	None	None	None	1-5%
*2-Phenylphenol	90-43-7	Yes	None	None	None	1-5%
para-tertiary-amylphenol	80-46-6	Yes	None	None	None	1-5%

\*SARA Title III Section 313 Reportable

### Section III – Physical/Chemical Characteristics

Boiling Point:	100° C	Specific Gravity @25°C:	1.05-1.07
Vapor Pressure (mm Hg)	Not Applicable	Melting Point:	Not Applicable
Vapor Density (Air = 1)	Not Applicable	Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Solubility in Water:	Complete	% Volatiles by Volume	Not Applicable
pH (concentrate):	11.50-12.50	Appearance and Odor:	A clear dark blue liquid with a mild lavender odor.
pH (diluted 1:128):	9.50-10.50		

### Section IV- Fire and Explosion Hazard Data

Flash Point: 115°F, SETA
Extinguishing Media: Methods suitable for the surrounding fire such as Carbon dioxide, Water, Dry Chemical
Special Fire Fight Procedures: Apply water spray to cool closed containers
Unusual Fire and Explosion Hazards: Burning may release combustion products such as Phenolics, Carbon monoxide, Carbon dioxide, and Chlorine.

# BARBICIDE PLUS MSDS

## Section V- Stability and Reactivity Data

<b>Stability:</b> Stable	<b>Hazardous Decomposition Products:</b> None
<b>Hazardous Polymerization:</b> Will not occur	<b>Incompatibilities:</b> Strong Oxidizing Agents
<b>Conditions to Avoid:</b> Extreme heat, sparks, open flames	

## Section VI – Health Hazard Data

<b>Routes of Entry:</b> *Inhalation *Skin Contact * Eye Contact *Ingestion
<b>Carcinogenicity:</b> <b>NO</b> ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or regulated by OSHA.
<b>Health Hazards:</b> Will cause eye irritation and skin irritation with prolonged exposure. Can be harmful if swallowed or if spray mist is inhaled. Corrosive to lungs.
<b>Signs and Symptoms of Exposure:</b> <ul style="list-style-type: none"><li>• <b>Inhalation:</b> Possible lung damage, irritation and/or burning sensation.</li><li>• <b>Skin Contact:</b> Redness, irritation, or burning sensation with prolonged exposure.</li><li>• <b>Eyes:</b> Burning sensation, watering, or redness.</li><li>• <b>Ingestion:</b> Drowsiness, irregular pulse, loss of consciousness. Possible gastrointestinal irritation or disturbance such as cramps and stomach pains.</li></ul>
<b>Medical Conditions Generally Aggravated by Exposure:</b> None Known

## Section VII- First Aid Measures

<b>Emergency and First Aid Procedures</b> <ul style="list-style-type: none"><li>• <b>Inhalation:</b> Remove to fresh air.</li><li>• <b>Ingestion:</b> If patient is conscious and alert, dilute by drinking milk, egg whites or large quantities of water. Do not induce vomiting without medical advice. Always get medical attention when product is swallowed or when symptoms are significant or persist.</li><li>• <b>Skin Contact:</b> Wash liberally with soap and water. If on clothes, wash before reuse.</li><li>• <b>Eye Contact:</b> Flush with water for 15 minutes.</li></ul>
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## Section VIII- Precautions for Safe Handling and Use

<b>Handling:</b> Do not contaminate water, food, or feed. Do not reuse empty containers. Keep containers clean and closed.
<b>Storage:</b> KEEP OUT OF REACH OF CHILDREN.

## Section IX- Accidental Release Measures

<b>Small Spills:</b> Small spills (less than 1 gallon) may be washed down a drain with lots of water or cleaned up and disposed of into a sanitary sewer system.
<b>Large Spills:</b> Large spills (more than 1 gallon) should be contained and collected by vacuuming or absorption with sand, clay or other absorbent material and then disposed of properly.
<b>Disposal Considerations:</b> This product is not considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261. Dispose of product by using in accordance with label directions or in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).

# BARBICIDE PLUS MSDS

## Section X-Control Measures and Personal Protection

**Ventilation and Respiratory Protection:** General ventilation is normally adequate. Use appropriate respiratory protection if application method produces a fine spray or mist.

**Engineering Controls: Mechanical (General):** Normally sufficient.

**Local Exhaust:** Not normally needed.

**Skin Protection:** Gloves are required for exposure to the concentrate when diluting or for long exposures to end-use dilutions. Persons sensitive to cleaning chemicals should always wear gloves.

**Eye Protection:** Use Safety Glasses when diluting concentrates or when splashing or spraying of diluted product into the eyes is possible.

**Work/Hygiene Practices:** Wash hands after using. Do not get in eyes, on skin, or clothing. May be harmful if swallowed. Protect food and drink from contamination by product.

## Section XI-Transportation Information

**PROPER SHIPPING NAME (55 gal.):** Flammable Liquid, Corrosive N.O.S. (Isopropanol, Sodium Hydroxide)

**DOT HAZARD CLASS:** Class 3 (flammable), Packing Group III, UN 2924.

**DOT LABELING:** ORM-D **OR** Flammable Liquid 3 and Corrosive 8, UN2924

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied is given. It is the responsibility of the user to comply with all Federal, State and Local laws and regulations.