



Health	2
Fire	3
Reactivity	0
Personal Protection	Safety Glasses, Gloves

Clippercide

Material Safety Data Sheet

Clippercide

Section I-General Information

Distributed by: King Research, Inc 7025 W. Marcia Rd. Milwaukee WI 53223	24 Hour Emergency Telephone Number: Veolia Environmental Services Inc. 1-800-688-4005
	Telephone for Information: (414) 977-1449
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	NA
*Isobutane	75-28-5	Yes	N/A	1000 ppm	800 ppm NIOSH	NA
*Propane	74-98-6	Yes	1000 ppm	N/A	N/A	NA
*O-phenylphenol	90-43-7	Yes	N/A	N/A	N/A	NA
*SARA Title III Section 313 Reportable						

Section III – Physical/Chemical Characteristics

Boiling Point:	180° F	Specific Gravity @25°C:	0.800-0.900
Vapor Pressure (mm Hg)	N/A	Melting Point:	Not Applicable
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Solubility in Water:	Partial	% Volatiles by Volume	Not Applicable
pH:	10.0-11.0	Appearance and Odor:	Clean, fine spray

Section IV- Fire and Explosion Hazard Data

Flash Point: 53° F, ASTM D56 (50% IPA)
Extinguishing Media: Dry Chemical
Special Fire Fight Procedures: Wear approved self contained breathing apparatus
Unusual Fire and Explosion Hazards: Burning may release phenolics, carbon monoxide and carbon dioxide

CLIPPERCIDE MSDS

Section V- Stability and Reactivity Data

Stability: Stable	Hazardous Decomposition Products: Phenolics, Carbon monoxide, carbon dioxide
Hazardous Polymerization: Will not occur	Incompatibilities: N/A
Conditions to Avoid: Extreme temperatures and pressures	

Section VI – Health Hazard Data

Routes of Entry: *Skin Contact * Eye Contact *Ingestion *Inhalation
Carcinogenicity: NO ingredients listed as carcinogens by the NTP (National Toxicology Program) or the IARC (International Agency for Research on Cancer) or regulated by OSHA.
Health Hazards: Vapor may be irritating to lungs, skin and eyes .
Signs and Symptoms of Exposure: <ul style="list-style-type: none">• Eyes: Burning sensation, watering, or redness.• Skin: Irritation may occur in rare instances.• Inhalation: Prolonged inhalation exposure may cause nausea, dizziness or disorientation. If symptoms persist seek medical attention.• Ingestion: May cause nausea or discomfort.
Medical Conditions Generally Aggravated by Exposure: None Known

Section VII- First Aid Measures

Emergency and First Aid Procedures <ul style="list-style-type: none">• Inhalation: Remove to fresh air.• Ingestion: Drink 1-2 glasses of water. If symptoms persist, seek medical attention. Do not induce vomiting without medical advice.• Skin Contact: Wash liberally with soap and water. If on clothes, wash before reuse.• Eye Contact: Flush with water for 15-20 minutes. Remove contact lenses if present and rinse additional five minutes.
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Section VIII- Precautions for Safe Handling and Use

Handling: Avoid ingestion, skin and eye contact. Do not spray on flame or incandescent material. Do not breathe spray.
Storage: KEEP OUT OF REACH OF CHILDREN. Store at room temperature. Keep away from all possible sources of ignition. NO SMOKING.

Section IX- Accidental Release Measures

Spills: Small Spills- (less than 1000 ml) Mop or wipe up and dispose of into a sanitary sewer system. Large Spills- (greater than 1000 ml) Ventilate the area. Eliminate all possible sources of ignition. Absorb spill with an inert material and transfer to a steel drum and cap tightly. Take to an appropriate waste disposal facility.
Disposal Considerations: 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).

CLIPPERCIDE MSDS

Section X-Control Measures and Personal Protection

Ventilation and Respiratory Protection: General ventilation is normally adequate.
Engineering Controls: Mechanical (General): Normally sufficient.
Local Exhaust: Not normally needed.
Skin Protection: Rubber Gloves, wash hands after using.
Eye Protection: Use Safety Glasses when spraying into the eyes is possible.
Work/Hygiene Practices: Avoid contamination of food or drink.

Section XI-Transportation Information

PROPER SHIPPING NAME : Aerosol, flammable n.o.s. (Isopropyl alcohol)
HAZARD CLASS: 2.1
UN NUMBER: 1950
PACKING GROUP: N/A
SEE 49 CFR for ORM-D SHIPMENT REQUIREMENTS.

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.