NFPA Rating Health 1 Flammability 0 Reactivity 0			HMIS Rating Health 1 Flammability 0 Reactivity 0			
SECTION I	-					
Material Safety Data	AC complies with	DOT Hazard Classification *				
Material Safety Data Sheet This MSDS complies with OSHA's Hazard Comm. Standard 29 CFR 1910.1200 and OSHA Form 174			Consumer commodity, ORM-D			
Distributed By:		Identity (Trade Name)				
Hillyard Industries, Inc.			#1051 Dual Action			
Address:			MSDS Number *			
P.O. Box 909			1051-99-1			
1 .O. DOX 000			Date Prepared:			
St. Joseph,		O 64502	January 1, 1999			
Telephone (Information)) 233-1321 (Ext.2303)		Prepared By:		
relephone (information)	http://www.hillyard.com		Regulatory D			ant
Telephone (Emergency)	CHEMTREC		NOTE: Blank spaces are not permitted. If any item is not applicable or no			эрт.
(1-800-424-9300)			information is availab	lle, the space must be marked to	indicate that.	
SECTION II - Ingredients/Ide	ntity Information					
Components (Specific					Other Limits	
Chemical Identity, Common	Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Recommended	%(Opt.)
Isobutane			800 ppm	800 ppm		
Propane		74-98-6	1000 ppm	Asphyxiant		
Permethrin			None None			
			None None			
Water		7732-18-5	None	None		
Any substance listed as hazard Texas is described above if kno				/lichigan, New Jers	sey, Ohio, Pennsylv	ania or
SECTION III Physical/Chem	ical Characterist	ics				
Boiling Point			Specific G	ravity (H ₂ O = 1)		
Concentrate		212 ⁰ F	Concentrate		1.00	
		212 1	Melting Po			
Pressure (psig. @ 70° F)		70 ± 5	Metting Fornt		No Data	
Vapor Density (AIR = 1)		Greater than	Evaporation Rate (Butyl Acetate = 1)		110 Data	
vapor Density (AIR = 1)		one (1)	Evaporation Rate (Butyl Acetate = 1)		No Data	
Solubility in Water		one (1)	рН			NO Data
Solubility III Water	omplete	рп		8 <u>+</u> 0.5		
Appearance and Odor	<u> </u>	Jilipiete	_1			1 0 <u>1</u> 0.0
Pale milky white liquid with a ch	naracteristic hydro	carbon odor in an	aerosol can			
SECTION IV - Fire and Explo			aorocor cam			
USA Flame Projection Test			Flammable Limits		LEL	UEL
0" - Nonflammable		I lammable En	No Data		No Data	No Data
Extinguishing Media -		1		2 414	110 Data	.10 2010
Not usually necessary as this p	roduct does not re	eadily support con	nbustion.			
Special Fire Fighting Procedu		7 111				
Use water spray to keep contai		ors down. Do not	allow runoff	to enter sewers or	public watercourse	s. Wear self-
contained breathing apparatus					<u> </u>	
Unusual Fire and Explosion I	Jozofdo					

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 130^o F.

1051-99-1 January 1, 1999

SECTION V - Reactivity Data Stability Unstable Conditions to Avoid - Extreme heat, direct sunlight and sources of ignition. Stable Incompatibility (Materials to Avoid) - Strong oxidizing agents such as chlorine, permanganates, and dichromates. Hazardous Decomposition or Byproducts - Oxides of carbon, smoke and soot... May Occur Conditions to Avoid - Contact with sparks, open flame or any source of ignition. Hazardous Will Not Occur **Polymerization SECTION VI - Health Hazard Data** Route(s) of Entry -Eyes?Yes Inhalation?Yes Skin?Yes Ingestion?Yes Health Hazards (Acute and Chronic) - Caution. May cause eye and skin irritation. Harmful if absorbed through skin. Harmful if swallowed. Prolonged and repeated inhalation of concentrated vapors may cause headache, nausea and central nervous system effects. Follow good chemical hygiene practices to avoid these hazards. Carcinogenicity:None known NTP?No IARC Monographs? No **OSHA Regulated?**No Signs and Symptoms of Exposure - Redness, burning and tearing of eyes. Redness, drying and cracking of skin. High concentrations may cause disorientation and lack of coordination. Medical Conditions Generally Aggravated by Exposure - Pre-existing skin and respiratory tract disorders may be aggravated if this product is improperly used. Emergency and First Aid Procedures: EYES - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately. INGESTION - Do not induce vomiting. Possible pulmonary damages if aspirated. Contact a physician or poison control center immediately. INHALATION - Get to fresh air. If not breathing, qualified personnel should administer artificial respiration. SKIN - Flush with plenty of water. If irritation arises and persists consult a physician. SECTION VII - Precautions for Safe Handling and Use Steps to be Taken in Case Material is Released or Spilled - Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up on absorbent material and put in suitable container for proper disposal. This pesticide is extremely toxic to fish and other aquatic organisms. Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap and wrap container in several layers of newspaper. Discard in trash. Do not contaminate water when disposing of wastes. Precautions to be Taken in Handling and Storing - Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130° F (54.5° C) may cause bursting. Avoid contact with eyes, skin and clothing. Direct spray away from face. Replace cap when not in use. Keep in locked storage area. Do not swallow. Wash thoroughly after handling. Avoid inhaling mist or vapors. Use with adequate ventilation. Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Do not apply directly to water. Do not contaminate water when disposing of wastes. Do not use on surfaces that can be harmed or stained by water. Do not apply this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Store in a dry location away from heat and direct sunlight. Do not store this water-based product at temperatures below 32° F. **SECTION VIII - Control Measures** Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH\MSHA respirator. Ventilation Local Exhaust - Not necessary Special - None Mechanical (General) - Yes Other - None Protective Gloves - Impervious Eye Protection-Safety glasses or goggles (ANSI Z87) Other Protective Clothing or Equipment Only if direct contact is possible (i.e. apron, boots, etc.)

Work/Hygienic Practices

Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc. Wash contaminated clothing before reuse.

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