



North Safety Products
 Health Care Division
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Material Safety Data Sheet **BIN# 120**
 May be used to comply with
 OSHA's Hazard Communication Standard
 29CFR 1910.1200 Standard must be
 consulted for specific requirements

SECTION I

Product Name Dog Shield Dog Repellent	Synonyms HALT - Aerosol
Manufacturer's Name: ARI	Emergency Telephone Number 1-800-241-5064
Address (Number, Street, City, State and Zip Code)	Telephone Number for Information 1-800-241-5064
P.O. Box 510	Date Prepared 12/9/94
Orchard Hill, GA 30266-0510	Prepared By Phil Rives

SECTION II - Hazardous Ingredients/Identity Information

Component Name	CAS#	OSHA PEL	ACGIH TLV	%
Oleoresin Capsicum*	404-36-4	NE	NE	28.5
White Mineral Oil, Severely Hydrotreated	8042-47-5	NE	NE	71.3
Nitrogen	7727-37-9	NE	NE	0.3
*Contains 1% Capsaicin				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	212°C	Specific Gravity (H ₂ O = 1)	0.97
Vapor Pressure (mm Hg.)	N/A	Melting Point	NE
Vapor Density (AIR=1)	NE	Evaporation Rate (Butyl Acetate = 1)	NE
Solubility in Water: Insoluble			
Appearance and Odor: Red-brown oily liquid with extremely irritating odor and taste.			

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 345°F CC	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Use dry chemical, foam or carbon dioxide			
Special Fire Fighting Procedures Cool containers with water if exposed. Use positive feeding, self-contained breathing apparatus as smoke is extremely			
Unusual Fire and Explosion Hazards Product packaged in aerosol form. Will explode under extreme heat.			

N/A = Not Applicable

NE = Not Established

Doc SHIELD

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	
Incompatibility (Materials to Avoid) None Known			
Hazardous Decomposition or Byproducts Fungent fumes may be emitted when heated above 175° F.			
Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic) Produces severe burning sensation to eyes, nose and skin. Could cause superficial keratitis and conjunctivitis in eyes. Causes severe irritation to lungs or stomach.			
Carcinogenicity:	NTP? No	ARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure Coughing, burning sensation, watering eyes, and upset stomach.			
Medical Conditions Generally Aggravated by Exposure None Known.			
Emergency and First Aid Procedures Skin—flush with lots of soapy water. Eyes—flush with water. Inhalation—move to fresh air. Ingestion—dilute with fluids. Seek immediate medical attention.			

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	Soak up with absorbent material. Wash with soap and water.
Waste Disposal Method	Follow current regulations. Never throw aerosol container into fire or incinerator.
Precautions to Be Taken in Handling and Storing	Aerosol containers. Do not puncture. Do not use or store near heat or open flame. Do not store at temperatures over 120°F. Store in cool, dry place, inaccessible to children.
Other Precautions	Always wash hands with soap and water after using this product, as even small amounts of the liquid can cause irritation.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) Organic vapor mask			
Ventilation	Local Exhaust Recommended at air-liquid interface	Special	N/A
	Mechanical (General) N/A	Other	N/A
Protective Gloves	Viton or Nitrile	Eye Protection Required	
Other Protective Clothing or Equipment Apron			
Work/Hygienic Practices Care should be exercised to prevent skin contact.			

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