Material Safety Data Sheet

PYROTECHNIC -SMOKE

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

QUICK IDENTIFIER Common Name: (used on label and list) 1083 - Military Style HC Smoke Grenade

SECTION 1 -							
Manufacturer's Name Defence Tool	hnology / Federal Labora	torios					
Address	inology / Federal Labora	lones		Emergei			
Postal Box 248				Telepho	ne No. (800) 424-93	800	
City, State, and ZIP				Other			
Casper, Wyomi	ing 82602			Informat Calls	tion (877) 248-38	35	
Signature of Person Responsible for Preparat	tion (Optional)			Date Prepared	d		
		DEDIENT	re / IDENI		11/01/04		
	IAZARDOUS INC				011 - 5	0,4	CAS
Hazardous Component(s) (chemical & common name	e(s)) OS PE		ACGIH TLV	Other Exposure Limits	% (optiona	
Zinc Oxide				5 mg/m³			1314-132
Hexachloroethane				(dogs)	MLD 325 mg/kg		67-72-1
Aluminum Powder			i	10 mg/m³			
SECTION 3 - F Boiling Point N/A	PHYSICAL & CHE	EMICAL C	HARACT Specific Gravity (H2O		CS Vapo ater than 1 Pressure		N/A
Solubility	Density (Air = 1) $N/$	'A	D				
in Water Slight			Reactivity in Water		Yes (Aluminum Pow	vder)	
Appearance and Odor	White Powder		Melting Point		N/A		
	FIRE & EXPLOSI	ON DATA					
Flash Me Point $Unk. F.C.$ Us	thod	Flammable Limits in Air % by Volu	3	LEL Lower	Unknown.	UEL Upper	Unknown
Auto-Ignition Temperature <i>Unknown</i>	Extinguisher Media	Dry Chemi	cal				
Special Fire Fighting Procedures	Self-contained breathing a	pparatus.					
Unusual Fire and	Burns vigorously and may e	explode if confin	ned				
Explosion Hazards	sums rigorousty und may c	sproue y conju	.cu.				

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SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)
Stability Unstable Conditions Stable Conditions to Avoid
Incompatibility (Materials to Avoid) Water
The state of the s
Hazardous Decomposition Products CCl4, C2Cl4, Aluminum Oxide, ZnCl
Hazardous May Occur Conditions Polymerization Will Not Occur to Avoid
SECTION 6 - HEALTH HAZARDS 1. Acute 2. Chronic See Signs and Symptoms
Signs and Symptoms of Exposure May be irritating to skin and mucous membrane. In high concentrations, it has a narcotic effect.
Medical Conditions Generally Aggravated by Exposure May damage kidney and liver. May damage kidney and liver.
Chemical Listed as Carcinogen OSHA Yes Or Potential Carcinogen No Monographs No OSHA Yes No Monographs No OSHA Yes
Emergency and First Aid Procedures Remove to fresh air; give oxygen if necessary. Wash with soap and water. If ingested, contact physician.
1. Inhalation Remove to fresh air; give oxygen if necessary. 2. Eyes Wash with water.
3. Skin Wash with soap and water. 4. Ingestion Contact physician.
SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES Precautions to be Taken in Handling and Storage Keep away from heat sparks and open flames.
Other Precautions None
Steps to be Taken in Case Material is Released or Spilled Sweep into containers; avoid contact with water.
Waste Disposal Methods (Consult Federal, State, and Local Regulations) Dispose of by incineration. State and local laws take precedence.
SECTION 8 - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES
Respiratory Protection (Specify Type) Ventilation Local Mechanical Special Other
Yes Exhaust Yes (General) Yes Explosion-proof Protective Eye Protection
Gloves Yes Goggles
Other Protective Clothing or Equipment
Work/Hygienic Practices Wash with soap and water; wear mask; no smoking.

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.