

MATERIAL SAFETY DATA SHEET
(COMPLIES WITH 29CFR 1910.1200)

IDENTITY (As Used on Label and List) DATE PREPARED
Multi-Clean Blue Blazes 2/26/90

SECTION I

MANUFACTURE'S NAME	EMERGENCY TELEPHONE NUMBER
Hako Minuteman	612-698-8833
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)	TELEPHONE NUMBER FOR INFORMATION
2277 Ford Parkway	612-698-8833
St. Paul, Minnesota 55116	

SECTION II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	OSHA PEL	ACGIH TLV	RECOMMENDED	% (OPTIONAL)
Sodium carbonate, CAS# 497-19-8	None	None	•NK	2-7%
Surfactant (proprietary)	None	None	•NK	2-7%
Water CAS#7733-18-5	None	None	•NK	85-95%

SECTION III - Physical/Chemical Characteristics

BOILING POINT:	Approx. 212°F	SPECIFIC GRAVITY (H2O) = 1:	1.044
VAPOR DENSITY (AIR = 1):	< 1	EVAPORATION RATE (BUTYL ACETATE = 1):	ND
SOLUBILITY IN WATER:	Complete	MELTING POINT:	NA
VAPOR PRESSURE (MM HG.):	ND	APPEARANCE AND ODOR:	Blue liquid, sassafras odor.

SECTION IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED):	None	FLAMMABLE LIMITS:	NA	LEL	UEL
EXTINGUISHING MEDIA					
WATER?	FOAM?	WATER FOG?	ALCOHOL FOAM?	CO ₂ ?	DRY CHEMICAL?
VAPORIZING LIQUID?	OTHER?	NA			
SPECIAL FIRE FIGHTING PROCEDURES					
NA					
UNUSUAL FIRE AND EXPLOSION HAZARDS					
NK					

SECTION V - Reactivity Data

STABILITY:	UNSTABLE:	CONDITIONS TO AVOID:
		NK
	STABLE: X	
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers		
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NK		
HAZARDOUS POLYMERIZATION		
MAY OCCUR:	CONDITIONS TO AVOID:	NA
WILL NOT OCCUR: X		

SECTION VI - Health Hazard Data

ROUTE(S) OF ENTRY: INHALATION? No SKIN? No INGESTION? No

HEALTH HAZARDS (ACUTE AND CHRONIC)

Eye and skin irritant. Harmful if swallowed.

MUTAGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

SIGNS AND SYMPTOMS OF EXPOSURE

See Health Hazards

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

NK

EMERGENCY AND FIRST AID PROCEDURES

If swallowed, do not induce vomiting. Drink water in large amounts and call a physician immediately. For eye contact, flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. In case of skin contact, flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Never give anything by mouth to an unconscious person.

SECTION VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with absorbent material (example: floor-dry) or vacuum up immediately and dispose of according to local, state and federal regulations. Thoroughly rinse affected area with water.

WASTE DISPOSAL METHOD

Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal product use (according to manufacturer's directions) may be sewered in compliance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Normal care in handling and storage.

OTHER PRECAUTIONS

Keep out of reach of children. Keep from freezing.

SECTION VIII - Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPES)

VENTILATION:	LOCAL EXHAUST	NA	SPECIAL	NR
	MECHANICAL (GENERAL)	Normal good ventilation sufficient.	OTHER	NR

PROTECTIVE GLOVES	EYE PROTECTION
Natural rubber or synthetic.	Approved safety goggles or glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
NR

WORK/HYGIENIC PRACTICES
Do not contaminate food or beverages with cleaning chemicals.

NA - Not Applicable, NE - Not Established, NK - Not Known, ND - Not Determined, NR - Not Required

NOTICE STATE OF CALIFORNIA: This product may contain trace amounts of chemical impurities in the raw materials, which may be considered by the State of California to cause cancer or reproductive defects.

NFPA SYSTEM

- 1 A. Health Hazard: 4-DANGER-May be fatal on short exposure. Specialized protective equipment required; 3-WARNING-Corrosive or toxic. Avoid skin contact or inhalation; 2-WARNING-May be harmful if inhaled or absorbed; 1-CAUTION-May cause irritation; 0-No unusual hazard. *Health hazard describes short term contact or inhalation hazard only.
- 0 B. Fire Hazard: 4-DANGER-Flammable gas or extremely flammable liquid; 3-WARNING-Flammable liquid Flash point below 100°F; 2-CAUTION-Combustible liquid Flash point of 100°F to 200°F; 1-COMBUSTIBLE-if heated; 0-NOT COMBUSTIBLE.
- 0 C. Reactivity Hazard: 4-DANGER-Explosive material at room temperature; 3-DANGER-May be explosive if shocked, heated under confinement, or mixed with water; 2-WARNING-Unstable, or may react if mixed with water; 1-CAUTION-May react if heated, or mixed with water; 0-STABLE. Not reactive when mixed with water.

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