

# MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.	<b>HMIS HAZARD RATING</b>		
<b>SAFETEC OF AMERICA</b>	HEALTH	1	0 = INSIGNIFICANT      3 = HIGH
	FLAMMABILITY	1	1 = SLIGHT                  4 = EXTREME
	REACTIVITY	0	2 = MODERATE
<b>TRANSPORTATION INFORMATION</b>			
PROPER SHIPPING NAME	Not Regulated		
HAZARD CLASS / PKG. GRP.	None / None		REF.      Not Applicable
IDENTIFICATION NUMBER	None		LABEL      None Required

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)	Page 1 of 2
<b>ALKY™</b>	
MANUFACTURER'S NAME Safetec of America, Inc.	EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924
ADDRESS (NUMBER, STREET, P.O. BOX) 1055 East Delavan Avenue	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822
(CITY, STATE AND ZIP CODE) Buffalo, NY 14215	DATE PREPARED                  February 3, 1999 SUPERSEDES                      February 14, 1997

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	OSHA PEL/STEL		ACGIH TLV/TWA/STEL	
			PPM	MG/M <sup>3</sup>	PPM	MG/M <sup>3</sup>
Inorganic acidic salt / Carboxylic acid; CAS proprietary		45 – 65	None Established		None Established	
Superabsorbent polymer; CAS proprietary		45 – 65	5 (PEL)		5 (TLV)	

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

## SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
EYES: May cause moderate irritation associated with redness and burning sensation.	Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists, seek medical attention.
SKIN: Prolonged contact with skin may cause moderate irritation.	Wash thoroughly with soap and water; if irritation persists, seek medical attention.
INGESTION: Ingested in quantity, material may cause gastrointestinal irritation with nausea, vomiting and diarrhea.	Drink large amounts of water. DO NOT induce vomiting. Seek medical attention.
INHALATION: Breathing of dust may cause throat and upper respiratory tract irritation.	Remove to fresh air; seek medical attention if required.

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Acute effects are possible irritation and discomfort; Chronic exposure to large amounts of this material has not been characterized and the irritating properties of the compound make such an exposure highly unlikely.

CARCINOGENICITY	NTP?      No	IARC MONOGRAPHS?      No	OSHA REGULATED?      No
No additional information			

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Preexisting skin or breathing disorders may become aggravated through exposure.

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**SECTION 4 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED) Not Applicable	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: Not Applicable      UEL: Not Applicable
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EXTINGUISHING MEDIA  
Water, Dry chemicals, foam, CO<sub>2</sub>

SPECIAL FIRE FIGHTING PROCEDURES  
Use water spray to cool fire-exposed containers and structures.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS  
Spilled material swells and becomes extremely slippery when wet. Dusts at sufficient concentrations can form explosive mixtures with air. Use standard safety precautions for finely divided powders. Thermal decomposition may emit toxic and irritating substances.

**SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED  
In case of accidental spills, provide adequate ventilation; avoid generating dust. Vacuum (using HEPA filter equipped system) if possible to avoid generating airborne dust. Place spilled material into a clean, dry container for disposal.

WASTE DISPOSAL METHODS  
Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE  
Keep container(s) tightly closed when not in use. Store in cool, dry area. Keep this and other chemicals out of reach of children.

**SECTION 6 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION Use NIOSH/MSHA approved or equivalent with high efficiency filter for particulate levels above 0.05mg/m <sup>3</sup>	VENTILATION LOCAL EXHAUST: Recommended MECHANICAL (GENERAL): As appropriate
PROTECTIVE GLOVES Impervious/chemical resistant	EYE PROTECTION Safety goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Ordinarily, none required	WORK / HYGIENIC PRACTICES Practice safe work habits. Use according to label instructions.

**SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES**

BOILING POINT Not applicable	BULK DENSITY 51.5 lb./cu. ft.
VAPOR PRESSURE (mm Hg) Not applicable	MELTING POINT >307°F (partial to full decomposition)
VAPOR DENSITY (AIR=1) Not applicable	pH (1% solution) 3.5
SOLUBILITY IN WATER Slight	EVAPORATION RATE (n-BUTYL ACETATE=1) Not applicable
APPEARANCE AND ODOR Off-white, granular powder; odorless	% VOLATILES (BY WEIGHT) Not applicable

**SECTION 8 - STABILITY AND REACTIVITY**

STABILITY UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID High humidity, extreme temperatures
INCOMPATIBILITIES (MATERIALS TO AVOID) Strong oxidizers, metallic nitrates	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS Decomposition will not occur if handled / stored properly. Thermal decomposition may emit acid fumes, carbon monoxide, carbon dioxide.	
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID None known

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.