

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.	HMIS HAZARD RATING			
SAFETEC OF AMERICA	HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME
	REACTIVITY	0	2 = MODERATE	
	TRANSPORTATION INFORMATION			
	PROPER SHIPPING NAME	Not Regulated		REF. Not
HAZARD CLASS / PKG. GRP.	None / None		Applicable	
IDENTIFICATION NUMBER	None		LABEL None Required	

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)		Page 1 of 2
RED Z™		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER (24 Hours)	
Safetec of America, Inc.	(800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR INFORMATION	
1055 East Delavan Avenue	(716) 895-1822	
(CITY, STATE AND ZIP CODE)	DATE PREPARED	February 21, 2001
Buffalo, NY 14215	SUPERSEDES	January 11, 1999

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 ³	PPM	MG/M ³
Sodium dichloro-s-triazinetrione	2893-78-9		None Established		None Established	
Superabsorbent polymer, CAS proprietary		> 97	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 or repeated contact may cause skin irritation.	Flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
INGESTION: Ingested material may cause burning of mouth, throat and esophagus, abdominal distress and moderate irritation.	Drink large amounts of water. DO NOT induce vomiting. Seek immediate medical attention.
INHALATION: Breathing of dust may cause throat and 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 material make such an exposure highly unlikely.	

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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 prolonged exposure.

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SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)	
Not Applicable	LEL: Not Applicable	UEL: Not Applicable

EXTINGUISHING MEDIA

Water, water spray, water fog

SPECIAL FIRE FIGHTING PROCEDURES

Use water spray to cool fire-exposed containers and structures. Wear NIOSH/MSHA approved self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Spilled material swells and becomes extremely slippery when wet. Use standard safety precautions for finely divided powders. Thermal decomposition may emit chlorine containing 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. Do not close disposal containers containing wet or damp material; they should be left open to disperse any chlorine gas that may form.

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

SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT	BULK DENSITY
Not applicable	43.7 - 51.8 lb./cu. ft.
VAPOR PRESSURE (mm Hg)	MELTING POINT
Not applicable	>482°F (partial to full decomposition)
VAPOR DENSITY (AIR=1)	pH
Not applicable	No data
SOLUBILITY IN WATER	EVAPORATION RATE (n-BUTYL ACETATE=1)
Slight	Not applicable
APPEARANCE AND ODOR	% VOLATILES (BY WEIGHT)
Off-white, granular powder; slight chlorine odor	Not applicable

SECTION 8 - STABILITY AND REACTIVITY

STABILITY	UNSTABLE:	CONDITIONS TO AVOID
	STABLE: XXX	High humidity, extreme temperatures
INCOMPATIBILITIES (MATERIALS TO AVOID)		
Strong reducing agents.		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS		
Decomposition will not occur if handled / stored properly. Thermal decomposition may emit toxic substances.		
HAZARDOUS POLYMERIZATION	MAY OCCUR:	CONDITIONS TO AVOID
	WILL NOT OCCUR: XXX	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.

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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.