

# MATERIAL SAFETY DATA SHEET

<p>May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.</p>	<p><b>HMIS HAZARD RATING</b></p>
SAFETEC OF AMERICA	HEALTH <span style="margin-left: 100px;">1</span> <span style="margin-left: 100px;">0 = INSIGNIFICANT</span> <span style="margin-left: 100px;">3 = HIGH</span> FLAMMABILITY <span style="margin-left: 100px;">1</span> <span style="margin-left: 100px;">1 = SLIGHT</span> <span style="margin-left: 100px;">4 = EXTREME</span> REACTIVITY <span style="margin-left: 100px;">0</span> <span style="margin-left: 100px;">2 = MODERATE</span>
	<p><b>TRANSPORTATION INFORMATION</b></p>
	PROPER SHIPPING NAME <span style="margin-left: 20px;">Not Regulated</span> HAZARD CLASS / PKG. GRP. <span style="margin-left: 20px;">None / None</span> <span style="margin-left: 100px;">REF. Not Applicable</span> IDENTIFICATION NUMBER <span style="margin-left: 20px;">None</span> <span style="margin-left: 100px;">LABEL None Required</span>

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) <b>RED Z™</b>	Page 1 of 2
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 (CITY, STATE AND ZIP CODE) Buffalo, NY 14215	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822
	DATE PREPARED <span style="margin-left: 20px;">February 11, 2004</span> SUPERSEDES <span style="margin-left: 20px;">February 21, 2001</span>

## 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>
Sodium dichloro-s-triazinetriene Superabsorbent polymer, CAS proprietary	2893-78-9	> 97	None Established 5 (PEL)		None Established 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.

CARCINOGENICITY No additional information	NTP? <span style="margin-left: 20px;">No</span>	IARC MONOGRAPHS? <span style="margin-left: 20px;">No</span>	OSHA REGULATED? <span style="margin-left: 20px;">No</span>
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**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Preexisting skin or breathing disorders may become aggravated through prolonged exposure.

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Page 2 of 2

Date: February 11, 2004

**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, 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 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 glasses
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 43.7 – 51.8 lb./cu. ft.
VAPOR PRESSURE (mm Hg) Not applicable	MELTING POINT >482°F (partial to full decomposition)
VAPOR DENSITY (AIR=1) Not applicable	pH No data
SOLUBILITY IN WATER Slight	EVAPORATION RATE (n-BUTYL ACETATE=1) Not applicable
APPEARANCE AND ODOR Off-white, granular powder; slight chlorine odor	% 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 reducing agents.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS Decomposition will not occur if handled / stored properly. Thermal decomposition may emit toxic substances.	
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.