MATERIAL SAFETY DATA SHEET

SAFETEC OF AMERICA

IDENTITY (AS USED ON LABEL AND LIST) | Page 1 of 2
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RED Z™

MANUFACTURER’S NAME
Safetec of America, Inc.

ADDRESS (NUMBER, STREET, P.O. BOX)
887 Kensington Avenue @ William L. Gaiter Pkwy.

(CITY, STATE AND ZIP CODE)
Buffalo, NY 14215

IDENTIFICATION NUMBER
None

LABEL
None Required

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS

SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)
Sodium dichloro-s-triazinetrione
Superabsorbent polymer, CAS proprietary

CAS #
2893-78-9
> 97

% (wt.)
None

OSHA PEL/STEL
None Established

ACGIH TLV/TWA/STEL
None Established

PPM
5 (PEL)

MG/M³
5 (TLV)

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE
EYES: May cause moderate irritation associated with redness and burning sensation.
SKIN: Prolonged or repeated contact may cause skin irritation.
INGESTION: Ingested material may cause burning of mouth, throat and esophagus, abdominal distress and moderate irritation.
INHALATION: Breathing of dust may cause throat and respiratory tract irritation.

EMERGENCY AND FIRST AID PROCEDURES
Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists, seek medical attention.
Flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
Drink large amounts of water. DO NOT induce vomiting. Seek immediate medical attention.
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
NTP? No

IARC MONOGRAPHS? No

OSHA REGULATED? No

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

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.

Form Revised 02/2001
SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) | FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)
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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
Use NIOSH/MSHA approved or equivalent with high efficiency filter for particulate levels above 0.05mg/m³

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: XXX  
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: XXX  
WILL NOT OCCUR: None known  
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.