

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	3	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME
	REACTIVITY	2	2 = MODERATE	
TRANSPORTATION INFORMATION				
PROPER SHIPPING NAME	Dichloroisocyanuric acid salts			
HAZARD CLASS / PKG. GRP.	5.1 / II	REF.	173.152(b)(c)	
IDENTIFICATION NUMBER	UN2465	LABEL	None Required Ground	

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)	Page 1 of 2
Dry Chlorine Bleach	
MANUFACTURER'S NAME Safetec of America, Inc.	EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924
ADDRESS (NUMBER, STREET, P.O. BOX) 88 7 Kensington Avenue @ William L. Gaiter Pky.	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822
(CITY, STATE AND ZIP CODE) Buffalo, NY 14215	DATE PREPARED September 1, 2004
	SUPERSEDES February 5, 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-triazinetriene	2893-78-9	0.3 - 0.7	None Established		None Established	

This product contains a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372.

Immediate (Acute) Health: Yes	Reactive Hazard: Yes
Delayed (Chronic) Health: No	Sudden Release of Pressure: No
Fire Hazard: Yes	

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
EYES: May result in corrosion to the eyes. Dust or vapors may cause irritation and tearing.	Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; washing eyes within one (1) minute is essential to achieve maximum effectiveness. Seek immediate medical attention.
SKIN: Prolonged or repeated contact may cause skin irritation which may result in corrosion if not promptly removed. Not considered a sensitizing agent.	Immediately brush off excess chemical and flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
INGESTION: Ingested material will result in burning of mouth, throat and esophagus, abdominal distress and severe irritation, possible corrosion of the digestive tract.	Drink large amounts of water. DO NOT induce vomiting. Seek immediate medical attention.
INHALATION: Breathing of dust or fumes may cause throat and respiratory tract irritation.	Remove victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.

HEALTH HAZARDS (ACUTE AND CHRONIC): On contact with moisture, this material readily hydrolyzes to hypochlorous acid and cyanuric acid. The tissue damage resulting from contact is considered to result, in part, from its hypochlorous acid decomposition products. May cause gastrointestinal and respiratory tract irritation. May be severely irritating or corrosive to eyes and skin. Chronic exposure to large amounts of this compound 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
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No additional information

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

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Date: September 1, 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

EXTINGUISHING MEDIA

Water. DO NOT use ABC or dry chemical extinguishers since there is the potential for a violent reaction.

SPECIAL FIRE FIGHTING PROCEDURES

Wear NIOSH/MSHA approved self contained breathing apparatus. Using a 10% solution of sodium carbonate, thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Nitrogen trichloride can be generated slowly by the reaction of small quantities of water with a high concentration of this product.

Nitrogen trichloride can present an explosive hazard.

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, contain spilled material. Any spillage should be cleaned up as soon as possible. DO NOT add water to spilled material. Using clean, dedicated equipment, sweep and scoop all spilled material and place into a clean, dry container for disposal. DO NOT use floor sweeping compounds to clean up spills. DO NOT close disposal containers containing wet or damp material; they should be left open to disperse any nitrogen trichloride that may form. DO NOT transport wet or damp material.

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 where temperatures do not exceed 125°F (52°C) for 24 hours. Vapor space in a closed container may contain a slight amount of chlorine gas and other chlorine containing compounds from decomposition of the product. Exposure to chlorine gas may cause burning of eyes with tearing; burning of nose and mouth with runny nose; and irritation of the linings of the respiratory tract with coughing, nausea, dizziness and fainting. Keep this and other chemicals out of reach of children.

SECTION 6 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION

Use NIOSH/MSHA approved or equivalent

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

56 – 60 lb./cu. ft.

VAPOR PRESSURE (mm Hg)

Not applicable

MELTING POINT

464 – 480°F (decomposes)

VAPOR DENSITY (AIR=1)

Not applicable

pH (1% solution @ 25°C)

6 – 7

SOLUBILITY IN WATER

Slightly moderate

EVAPORATION RATE (n-BUTYL ACETATE=1)

Not applicable

APPEARANCE AND ODOR

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)

Easily oxidizable organic material; ammonia, urea, or similar nitrogen containing compounds; inorganic reducing compounds; floor sweeping compounds; calcium hypochlorite; alkalis

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Chlorine-containing gases

HAZARDOUS POLYMERIZATION

MAY OCCUR:

WILL NOT OCCUR: XXX

CONDITIONS TO AVOID

Does not occur

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.