

MATERIAL SAFETY DATA SHEET

SECTION ONE PRODUCT IDENTIFICATION

PRODUCT NAME DRY CHLORINE BLEACH

CHEMICAL FAMILY

Dry Chlorine Detergent

SUPPLIERS NAME

HILLYARD OF SPRINGFIELD

EMERGENCY CONTACT

ADDRESS

3058 E. CARIO

1-800-752-6589

CITY STATE SPRINGFIELD, MO 65802

SECTION TWO HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT

HAZARD DATA

Sodium Carbonate CAS 497-19-8

10 mg/m(3)

Sodium Dichloroisocyanurate Dihydrate CAS 051580-86-0

TLV has not been established

DOT DESCRIPTION

Detergent compound, dry

NFPA

Health-2

Flammability-0

Reactivity-0

Other-

HMIS

Health-2

Flammability-0

Reactivity-0

Other-

SECTION THREE PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT

SPECIFIC GRAVITY

VAPOR PRESSURE

N/A

SOLUBILITY IN WATER

REACTIVITY IN WATER

Complete

APPEARANCE AND ODOR Off - white powder with a chlorine odor.

SECTION FOUR FIRE AND EXPLOSION DATA

FLASH POINT

N/A

FLAMMABLE LIMITS N/A

EXTINGUISHING MEDIA Deluge with water.

SPECIAL FIRE FIGHTING PROCEDURE

use a NIOSH approved gas mask with a canister for chlorine.

UNUSUAL FIRE EXPLOSION HAZARDS Product is classed as a oxidizer. Decomposition products will include chlorine, carbon dioxide, ammonia and nitrogen.

SECTION FIVE *REACTIVITY DATA*

STABILITY Stable**INCOMPATIBILITY** Strong oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCT**
Carbon dioxide, carbon monoxide

ammonia of urea and reducing agents or strong acids.

HAZARDOUS POLYMERIZATION
Will not occur

SECTION SIX *HEALTH INFORMATION*

EFFECTS OF OVEREXPOSURE**EYES** May cause damage if not treated.**SKIN** May cause skin irritation upon prolonged contact.**INHALATION** Will irritate the respiratory tract.**INGESTION** May cause immediate irritation to gastrointestinal tract.

SECTION SEVEN *EMERGENCY AND FIRST AID PROCEDURES*

EYES Flush with water for fifteen minutes. Contact a physician.**SKIN** Wash with soap and water, rinse thoroughly. If irritation persists, consult a physician.**INHALATION** Remove to a fresh air source. If irritation persists, consult a physician.**INGESTION** DO NOT induce vomiting. Drink large quantities of water, milk, chalk, or magnesium. Contact a physician.

SECTION EIGHT *SPECIAL PROTECTION INFORMATION*

EYE PROTECTION Safety glasses**GLOVES** Cotton**VENTILATION** Mechanical is satisfactory.**RESPIRATORY PROTECTION** If TLV is exceeded, Wear a NIOSH approved respirator.**OTHER PROTECTIVE EQUIPMENT** Apron and boots if working conditions merit.

SECTION NINE *SPILL OR LEAK PROCEDURES*

IN CASE OF SPILL

Sweep up.

WASTE DISPOSAL METHOD

Landfill in accordance with local, state, and federal regulations.

STORAGE AND HANDLING PRECAUTION

To dechlorinate add 5# product to 30 gal water, sodium thiosulfate and 2# soda ash. let sit until chlorine odor is gone.

Adjust pH to 7 and dispose of in accordance with local, state and federal guidelines.

PREPARED BY: KENT D. ZIMMERMAN TITLE: CHEMIST DATE 1/10/06