

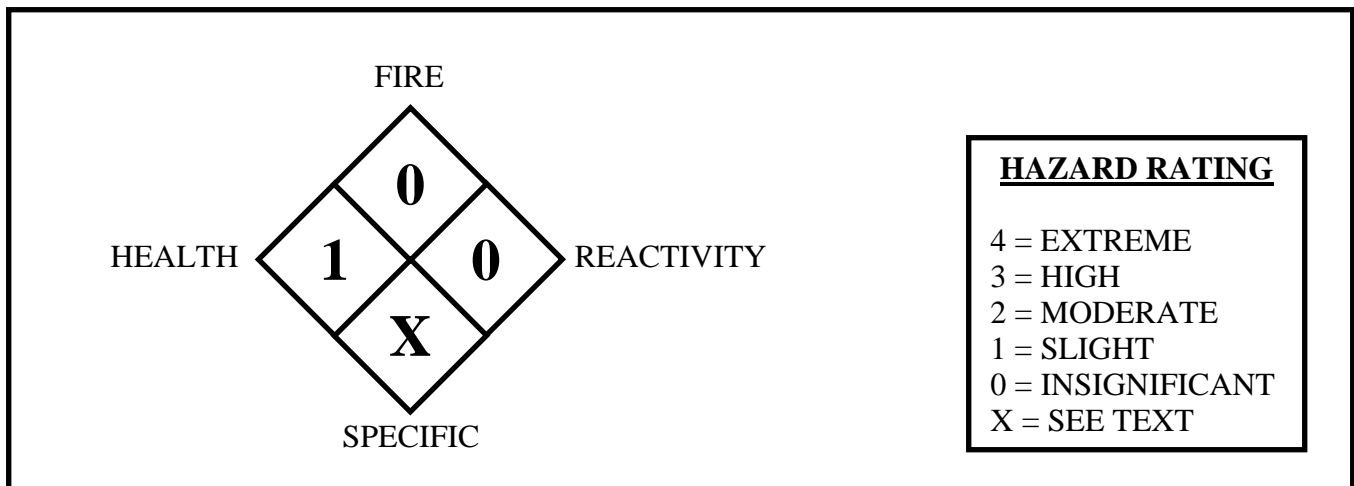
# MATERIAL SAFETY DATA SHEET

## SECTION 1 - MANUFACTURER INFORMATION

MANUF / DIST: DETAILS MANUFACTURING & DISTRIBUTING  
814 SOUTH DUFF AVE  
AMES, IOWA 50010  
PREPARER/CONTACT: LUKE STAGG  
PHONE: 515-233-6555  
MEDICAL/CHEMICAL EMERGENCY 24 HOURS INFOTRAC 800-535-5053

TRADE NAME / SYNONYMS. . . : BUMPER TO BUMPER  
CHEMICAL NAME / SYNONYMS: NOT APPLICABLE  
CHEMICAL FAMILY. . . . . : NOT APPLICABLE  
FORMULA. . . . . : Proprietary  
PRODUCT CODE. . . . . : BTB1,5,15,30, 55

## HAZARDOUS MATERIAL IDENTIFICATION SYSTEM:



## SECTION 2 - HAZARDOUS INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29§1910.1200 (j)-(13)

CHEMICAL / COMMON NAME	CAS#	PERCENTAGE	PEL-OSHA	TLV-ACGIH
Crystalline Silicate	6834-92-0	>1	N/E	N/E
Tetrasodium EDTA	64-02-8	>1	N/E	N/E
Surface active agents (proprietary)		>1	N/E	N/E

THIS PRODUCT DOES **NOT** CONTAIN CARCINOGENS: (NTP, IARC, OSHA):

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## SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic):

\*Acute\*:

- a) Eyes - Can cause severe irritation, redness, tearing, blurred vision.
- b) Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
- c) Inhalation - mild irritation
- d) Ingestion - Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

\*Chronic\*

None known

PRIMARY ROUTES OF ENTRY:

- a) Skin
- b) Inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this and all ALKALINE PRODUCTS.

EMERGENCY FIRST AID PROCEDURES:

- a) Skin - Wash with running water.
- b) Eyes - Flush with copious amounts of water, lifting upper and lower lids occasionally.
- c) Inhalation - If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
- d) Ingestion - Immediately drink 2 glasses of water and induce vomiting by either giving IPECAC syrup or by placing fingers at the back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## SECTION 4 - CHEMICAL DATA

BOILING POINT (F) . . . . . : >212	SPECIFIC GRAVITY (WATER=1) . . . . . : 1.04
VAPOR PRESSURE (mmHg) : < 20	PERCENT VOLATILE BY VOLUME (%) . . . : >90
VAPOR DENSITY (Water=1) : 1	EVAPORATION RATE (WATER=1) . . . . . : 1

SOLUBILITY IN WATER: 100% Soluble in water.

APPEARANCE AND ODOR INFORMATION: Pink Coral liquid fresh clean odor.

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## SECTION 5 - FIRE + PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None                      FLAMMABLE LIMITS: LEL= N/A UEL= N/A

EXTINGUISHING MEDIA: Not considered a fire hazard.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

INCOMPATIBILITY ( Material To Avoid ):

Avoid contact with acids and strong oxidizers such as chlorine, permanganate, etc.

HAZARDOUS DECOMPOSITION PRODUCTS:

After water evaporates, burning may produce oxides of carbon, traces of sodium salts, and various hydrocarbons.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

THIS PRODUCT IS STABLE

## SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Absorb the large spill on suitable absorbant. Wash the residue down the drain or pit with plenty of water. Small spills can be flushed down the drain with plenty of water. EXTREMELY SLIPPERY.

WASTE DISPOSAL METHODS:

Dispose of according to local, state and federal regulations for biodegradable soaps and detergents.

## SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION:

LOCAL EXHAUST: Below TLV(s)

MECHANICAL (GENERAL): EXPLOSION PROOF

SPECIAL . . . . .: N/A

OTHER . . . . .: N/A

RESPIRATORY PROTECTION: Avoid breathing mist.

PROTECTIVE GLOVES: Always wear liquid resistant gloves handling all chemicals.

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OTHER PROTECTIVE EQUIPMENT: N/A

OTHER ENGINEERING CONTROLS:

Eye wash and quick drench facilities.

WORK PRACTICES:

Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product. Provide adequate ventilation.

HYGIENIC PRACTICES:

Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reused.

## SECTION 8 - SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 120 degrees F.
- b) Protect from physical damage and keep tightly closed.
- c) Do not store near acids or acidic materials and oxidizers.
- d) Containers with concentrate should be marked slippery on floor surfaces

MAINTENANCE PRECAUTIONS:

When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS:

- a) Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

SHIPPING INFO, UN/NA #'s, LABEL INFO NECESSARY OR SUGGESTED:

**NO DOT INFORMATION NECESSARY**  
**NONE OF CONTENTS LISTED IN CFM'S.**

**KEEP OUT OF THE REACH OF CHILDREN**