



UNIVAR

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For Emergency Assistance involving chemicals call - CHEMTREC (800) 424-9300

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The Version Date and Number for this MSDS is : 11/03/2006 - #007

PRODUCT NAME: BIO-NEUTRALIZER DECHLORINATION TABLETS

MSDS NUMBER: P14532V

DATE ISSUED: 01/01/2006

SUPERSEDES: 01/01/2005

ISSUED BY: 005927

MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE: (800) 424-9300

NOTE: THIS PRODUCT IS NOT RATED A HAZARDOUS MATERIAL BY THE U.S. DEPARTMENT OF TRANSPORTATION OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY. THE FOLLOWING DATA IS FOR INFORMATIONAL PURPOSES ONLY.

I. PRODUCT IDENTIFICATION

TRADE NAME	Bio-Neutralizer.
CHEMICAL	Sodium Sulfitite
CHEMICAL ABSTRACT SYSTEM NO.	CAS #7757-83-7
CHEMICAL DESCRIPTION	Reducer
FORMULA	Na ₂ S ₀ ,
U.S. DOT SHIPPING NAME	Non-hazardous tablets, Item NM503401
U.S. DOT HAZARD CLASS	Non-hazardous

II. INGREDIENTS

HAZARDOUS INGREDIENTS	None
NON-HAZARDOUS INGREDIENTS	Sodium Sulfitite 35%
	Inert Ingredients 65%
	(Includes sustained release agents)

III. PHYSICAL DATA

BOILING POINT AT 760 mm Hg	Decomposes at 900 deg C
FREEZING/MELTING POINT	Not Applicable
SOLUBILITY IN I-1,0; % BY WEIGHT	25% at 80 deg C
SPECIFIC GRAVITY OF TABLET	2.63 (H2O = 1)
APPROXIMATE TABLET DENSITY	125 lbs./ft3
pH OF SOLUTION	Alkaline
VOLUME % VOLATILE	Not Applicable
APPEARANCE AND ODOR	Green Tablet with Mild Odor

IV. FIRE AND EXPLOSION DATA

FLASH POINT Not Applicable

FLAMMABLE LIMITS IN AIR Not Applicable

EXTINGUISHING MEDIA

Use extinguishing media appropriate for burning material. Compatible with water fog, spray foam or CO,.

SPECIAL FIRE FIGHTING PROCEDURES

NIOSH/MSHA-Approved, positive pressure, self-contained breathing apparatus with full face piece.

UNUSUAL FIRE & EXPLOSION HAZARD

At 600 deg C, Sodium Sulfide is formed. At 900 deg C, Sulfur Dioxide is formed. Inert ingredients could support combustion by burning, yielding carbon dioxide and water. Use self-contained breathing apparatus for fire fighting.

V. HEALTH HAZARD DATA

ACUTE TOXICITY DATA (ANIMAL)

LC 50 INHALATION	See effects of overexposure.
LD 50 ORAL	2825 MG/KG (Rabbit)
LD 50 DERMAL	See effects of overexposure.
LC 50 AQUATIC	Very high concentrations will chemically deplete dissolved oxygen necessary for aquatic life.

CHRONIC TOXICITY

Sodium Sulfite may cause allergic reactions in sensitive individuals. Contact with strong acids or high temperatures may generate Sulfur Dioxide, which is toxic, corrosive, and hazardous.

VI. EFFECTS OF OVEREXPOSURE

PERMISSIBLE No permissible exposure limits have been established by OSHA.
ACUTE

INHALATION

Inhalation of product dust or solution may cause respiratory tract irritation.

EYE

Dust or solution may burn eyes on contact.

SKIN

Product dust or solution may result in skin irritation upon prolonged contact.

INGESTION

Ingestion may irritate gastrointestinal tract. Toxic if taken in large doses.

VII. EMERGENCY AND FIRST AID PROCEDURES

INHALATION

Remove to fresh air. If not breathing, resuscitate and administer oxygen if readily available. Seek medical attention immediately.

EYE CONTACT

Immediately flush with large amounts of water for fifteen (15) minutes, rinsing eye thoroughly. Get medical attention.

SKIN CONTACT

Wash with plenty of soap and water for fifteen (15) minutes. Remove contaminated clothing. If skin irritation occurs, get medical attention. Wash clothing before reuse.

INGESTION

If conscious, drink large quantities of water or milk and induce vomiting. Call a physician immediately. Avoid alcohol.

If unconscious, or in convulsions, seek medical attention immediately. Do not give anything by mouth to an unconscious person.

VIII. STEPS FOR MATERIAL SPILL

Spills exceeding 100 pounds should be reported to the local authorities.

1. Contain all spilled material, wearing appropriate protective equipment.
2. Place spilled material in clean, dry containers for disposal. Do not flush to surface water.

WASTE DISPOSAL METHOD

Not rated a hazardous substance by USEPA. Collected material can be dissolved in water, exercising caution. Dissolved material may be discharged into an appropriate industrial waste collection system but consult local, state, and federal regulating agencies before disposing of any material.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

If dusty conditions are encountered, use NIOSH/MSHA respirator with acid gas cartridge and dust pre-filter.

VENTILATION

Store and use in a well-ventilated area.

EYE PROTECTION

Chemical safety goggles.

GLOVES

Natural or synthetic rubber.

OTHER PROTECTIVE EQUIPMENT

Boots, aprons, or chemical suits as required to prevent skin contact.

For Additional Information:

Contact: MSDS Coordinator - Univar USA

During business hours, Pacific Time - (425) 889-3400

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END OF MSDS