

TY-ION B-15:PRODUCT #7515

MSDS Number

BBDZL

National Stock Number

6810-00D001189

Product Name

TY-ION B-15:PRODUCT #7515

Manufacturer

CALGON VESTAL LABORATORIES DIV OF CALGON CORP

Product Identification

Product ID:TY-ION B-15:PRODUCT #7515

MSDS Date:12/12/1988

FSC:6810

NIIN:00D001189

MSDS Number: BBDZL

Responsible Party

CALGON VESTAL LABORATORIES;DIV. OF CALGON CORP.

5035-MANCHESTER AVENUE

ST. LOUIS , MO 63110

US

Emergency Phone: 314-535-1810; 314-862-2000

Info Phone: 314-535-1810

Preparer: R.C. JENTE

Cage: 19410

Contractor

STERIS CORPORATION, CALGON VESTAL DIV

147

SAINT LOUIS, MO 63166

US

800-548-4873 / 314-535-1810

Cage: 19410

Ingredients

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 5.0%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SODIUM NITRITE (SARA III)

CAS: 7632-00-0

RTECS: RA1225000

Fraction By Weight: 25.0%

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

SODIUM TETRABORATE, DECAHYDRATE

CAS: 1303-96-4

RTECS: VZ2275000

Fraction By Weight: 3.0%

OSHA PEL10 MG/M3

ACGIH TLV: 5 MG/M3; 9192

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:CORROSIVE TO ALL BODY TISSUES;IRRITATION OR BURN OF EYE/SKIN AND RESPIRATORY OR G.I. TRACT;HARMFUL IF SWALLOWED. CHRONIC:IRRITATION,TISSUE DAMAGE,SKIN DAMAGE.

Explanation of Carcinogenicity:NO DATA AVAILABLE.

Effects of Overexposure:EYE AND SKIN IRRITANT.SODIUM NITRITE POISONING IS CHARACTERIZED BY LACK OF BLOOD PRESSURE & CYANOSIS

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

Fire Fighting

Flash Point:NONE TO BOILING

Extinguishing Media:SUITABLE FOR SURROUNDING FIRE-WATER,CO*2,FOAM,DRY CHEMICAL

Fire Fighting Procedures:NONE NOTED;USE SCBA NIOSH APPROVED SCBA IN CASE OF CONFINED

Unusual Fire/Explosion Hazard:FORCED IGNITION WILL RELEASE NITROGEN OXIDES.

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SUITABLE ABSORBENT MATERIAL OR DILUTE WITH LARGE AMOUNTS OF WATER AND RECOVER FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:STORE IN DRY PLACE;KEEP CONTAINER CLOSED WHEN NOT IN USE;KEEP FROM FREEZING,RUINED BY FREEZING.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE VAPORS & MIST.WASH THOROUGHLY AFTER EACH USE.FOLLOW INSTRUCTIONS ON LABELS.

Exposure Controls

Respiratory Protection:USE NIOS/MSHA APPROVED RESPIRATOR FOR
VAPORS/MIST IF ABOVE TLV.
Ventilation:PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE
VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.
Supplemental Safety and Health

Chemical Properties

HCC:C2
Boiling Pt:B.P. Text:212F/100C
Spec Gravity:1.27
pH:13.5
Solubility in Water:APPRECIABLE
Appearance and Odor:STRAW LIQUID,AMINE ODOR.
Percent Volatiles by Volume:74.0

Stability

Stability Indicator/Materials to Avoid:YES
CYANIDES,REDUCING MATERIALS,STRONG OXIDIZERS,AMINES
Stability Condition to Avoid:EXTREME HEAT.
Hazardous Decomposition Products:NITROGEN OXIDE

Disposal

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH
LOCAL STATE AND FEDERAL REGULATIONS.

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