

===== Product Identification =====

Product ID: TG 717 (SEQUESTANT, PART 1 OF 12 PART KIT)

MSDS Date: 03/15/1997

FSC: 6850

NIIN: 01-423-1699

Status Code: A

MSDS Number: CKBPM

=== Responsible Party ===

Company Name: TRIDENT CHEMICAL SERVICES

Address: 11863 MARKER PLACE, SUITE 2

City: BATON ROUGE

State: LA

ZIP: 70816

Country: US

Info Phone Num: 504-291-7225

Emergency Phone Num: 504-2

91-7225

CAGE: NO506

=== Contractor Identification ===

Company Name: BARTLETT CHEMICALS

Address: 4955 RIVER ROAD

Box: 10710

City: JEFFERSON

State: LA

ZIP: 70121

Country: US

Phone: 504-734-1971

CAGE: 1V771

Company Name: E-BESAN

Address: 117 FOCIS, SUITE 214

Box: 9237

City: METAIRIE

State: LA

ZIP: 70055

Country: US

Phone: 504-908-1222

CAGE: 1EAB6

Company Name: TRIDENT CHEMICAL SERVICES

Address: 11863 MARKER PLACE, SUITE 2

Box: City: BATON ROUGE

State: LA

ZIP: 70816

Country: US

Phone: 504-291-7225

CAGE: NO506

===== C

Composition/Information on Ingredients =====

Ingred Name:HYDROXYETHANE DIPHOSPHONIC ACID

CAS:2809-21-4

RTECS #:SZ8562100

Fraction by Wt: 10-12%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:CORROSIVE TO SKIN AND EYES. HARMFUL OR FATAL IF INGESTED.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:MFR STATES: A REVIEW OF AVAILABLE DATA DOES NOT IDENTIFY ANY SYMPTOMS FROM EXPOSURES. DLA-HMIS:IRRITATION AND BURNS, PAIN.

Medical Cond Aggravated by Exposure:A REVIEW OF AVAILABLE DATA DOES NOT IDENTIFY ANY WORSENING OF EXISTING CONDITIONS.

===== First Aid Measures =====

First

Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET MEDICAL ATTENTION. SKIN-WASH WITH SOAP & WATER. GET MEDICAL ATTENTION. INHALED-REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. GET MEDICAL ATTENTION. INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS, DRINK LARGE QUANTITIES OF WATER. CALL A PHYSICIAN AT ONCE.

===== Fire Fighting Measures =====

Flash Point:NONE (AQUEOUS)

Extinguishing Media:PRODUCT IS NOT EXPECTED TO BURN UNLESS A LL WATER

BOILED AWAY. DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER FOG.

Fire Fighting Procedures:USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:MAY EVOLVE NOX, CO, POX, SOX AND CARBON DIOXIDE UNDER FIRE CONDITIONS. IF WATER BOILED OFF, REMAINING ORGANICS MAY IGNITE. VAPOR CAN TRAVEL LONG DISTANCES.

===== Accidental Release Measures =====

Spill Release Procedures:COVER WITH ABSORBENT MATERIAL SUCH AS SAWDUST, CLAY, SOIL OR COMME

RCIAL ABSORBENT. TRANSFER TO DRUMS FOR DISPOSAL.

LARGE SPILLS: DIKE TO CONTAIN AND RECLAIM INTO SALVAGE DRUMS OR
TANK TRUCK FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID CONTACT WITH SKIN & EYES. FOR
INDUSTRIAL USE ONLY. DO NOT TAKE INTERNALLY. DO NOT CONTACT WITH
FOOD OR FOODSTUFFS.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN RESIDUAL PRODUCT. DO NOT
T
REUSE CONTAINER UNLESS PROPERLY RECONDITIONED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF SIGNIFICANT VAPORS
ACCUMULATE, WEAR NIOSH/MSHA-APPROVED RESPIRATOR OR EQUIVALENT. FOR
LARGE SPILLS, TANK ENTRY OR INADEQUATE VENTILATION, A
PRESSURE-DEMAND SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED.

Ventilation:GENERAL VENTILATION IS USUALLY SUFFICIENT.

Protective Gloves:IMPERMEABLE-PVC, NEOPRENE.

Eye Protection:

CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:APRON. DLA-HMIS: EYE WASH STATION & SAFETY
SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:C3

Boiling Pt:=98.9C, 210.F

B.P. Text:210F,99C

Melt/Freeze Pt:=-6.5C, 20.F

M.P/F.P Text:20.0F,-6.7C

Spec Gravity:1.1

pH:6-7

Solubility

ty in Water:COMPLETE

Appearance and Odor:WATER WHITE LIQUID; MILD ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG BASES AND STRONG REDUCING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:IN THE EVENT OF COMBUSTION, CARBON MONOXIDE AND CARBON DIOXIDE, NOX, PHOSPHORIC AND SULPHURIC ACID MAY BE FORMED.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

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

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