

WESTERN CHEMICAL CO -- CLOSED CIRCUIT TREATMENT #6968-A -- 6850-01-185-1187

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

Product ID:CLOSED CIRCUIT TREATMENT #6968-A

MSDS Date:03/17/1986

FSC:6850

NIIN:01-185-1187

MSDS Number: BGQBF

=== Responsible Party ===

Company Name:WESTERN CHEMICAL CO

Address:1345 TANEY

City:NORTH KANSAS CITY

State:MO

ZIP:64116-4414

Country:US

Info Phone Num:816-842-0560

Emergency Phone

Num:816-842-0560

CAGE:08824

=== Contractor Identification ===

Company Name:WESTERN WATER MANAGEMENT/WESTERN CHEMICAL CO

Address:1345 TANEY

Box:City:NORTH KANSAS CITY

State:MO

ZIP:64116-4414

Country:US

Phone:816-842-0560

CAGE:08824

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM NITRITE (SARA III)

CAS:7632-00-0

RTECS #:RA1225000

Fraction by Wt: 65-70%

Other REC Limits:NONE SPECIFIED

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:BENZOTRIAZOLE

CAS:

95-14-7  
RTECS #:DM1225000  
Fraction by Wt: 4-5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE  
CAS:1303-96-4  
RTECS #:VZ2275000  
Fraction by Wt: 8-12%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3; 9192

Ingred Name:SODIUM CARBONATE  
CAS:497-19-8  
RTECS #:VZ4050000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Repo  
rts of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:SKIN:IRRITATES; INHAL: DUST OR MIST MAY  
IRRITATE RESPIR. TRACT; INGEST: IRRITATES MOUTH, ESOPHAGUS

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

First Aid:EYES:IMMED. FLUSH EYES W/LARGE AMTS. OF H\*2O FOR 15 MIN.  
HOLDING LIDS OPEN -GET MED.ATTN; SKIN:REMOVE CONTAMINATED CLOTHING,  
WASH SKIN W/SOAP & WATER; INHAL: REMOVE TO FRESH AIR-GET MEDICAL  
ATTN; INGE ST:DRINK SEVERAL GLASSES OF H\*  
2O,INDUCEVOMITING.

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

Flash Point:NONE  
Extinguishing Media:FLOODING AMTS. OF H\*2O IN EARLY STAGES; HEAVY H\*2O  
JET HELPS  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:NANO\*2 -OXIDIZER;CAN SUPPLY O\*2 TO  
STIMULATE OR ALLELERATE THE COMBUSTION OF ORG

# ANIC OR COMBUST.MATR

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

Spill Release Procedures:WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIP. & CLOTHING. KEEP UNAUTHORIZED PERSONS OUT OF SPILL. IF FLAMM. MATRL. PRESENT,MONITOR OPERATION W/CO\*2 EXTING. SWEEP OR SHOVEL SPILLED MATRL. & PLACE IN AUTH ORIZED CONTAINER; FLUSH RESIDUE AREA W/H\*2O.

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

Handling and Storage Precautions:DONOT GET IN EYES,ON SK IN, OR

CLOTHING. DONOT BREATHE DUST. USE W/ADEQUATE VENTILATION & PROTECTIVE EQUIPMENT. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:STORE IN COOL AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP DRUM TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINER FROM PHYSICAL DAMAGE. DONOT MIX W/ANY OTHER CONCENTRATED CHEMICALS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT EAT,DRINK,SMOKE.

Supplemental Safety and Health  
USE AS DIRECTED.READ LABEL

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

HCC:D1

Spec Gravity:1.28

Solubility in Water:1 LB/GAL

Appearance and Odor:BROWN POWDER -SLIGHT ORGANIC ODOR

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

Stability Indicator/Materials to Avoid:YES

COMBUST. MATR; ACIDS, REDUCING AGENTS, AMINES,THIOSULFATES

Stability Condition to Avoid:HEAT W/TEMPS. > 550F/287 C.

Hazardous Decomposition Products:OXIDES OF NITROGEN

## ===== Disposal Considerations =====

Waste Disposal Methods:CONSULT L

LOCAL AUTHORITIES; DISPOSAL MUST BE IN  
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

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