

SHAPE PRODUCTS -- REAGENT #18 NEUTRALIZATION SOLUTION -- 6750-00-200-4525

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

Product ID:REAGENT #18 NEUTRALIZATION SOLUTION

MSDS Date:08/08/1985

FSC:6750

NIIN:00-200-4525

MSDS Number: BPTWV

=== Responsible Party ===

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Info Phone Num:415-534-1186

Emergency Phone Num:415-5

34-1186

CAGE:3D869

=== Contractor Identification ===

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

Box:City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Phone:510-534-1186 OR 800-444-0015

CAGE:3D869

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

Ingred Name:SODIUM CARBONATE

CAS:497-19-8

RTECS #:VZ4050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT KNOWN

Routes of Ent

ry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PROLONGED OR REPEATED SKIN EXPOSURE  
MAY CAUSE SENSITIZATION.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES:CORROSIVE,CAUSES CONJUNCTIVAL EDEMA &  
CORNEAL DESTRUCTION.SKIN:BLISTERING & REDNESS.SOLUTION MAY CAUSE  
SEVERE IRRITATION OR BURNS.INHALATION:DUST MAY CAUSE IRRITATION  
WITH COUGHING & LABORED BREATHING.CAUSES DAMAGE TO NASAL  
SEPTUM.INGESTION:LARGE DOSES MAY BE CORROSIVE CAUSING  
PAIN,VOMITING,DIARRHEA,COLLAPSE.  
Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:EYES:WASH WITH PLENTY OF WATER FOR AT LEAST 15 MIN,LIFT UPPER  
& LOWER LIDS.GET MED ATTN. SKIN:REMOVE CONTAMINATED CLOTHING.WASH  
SKIN WITH SOAP & WATER FOR AT LEAST 15 MIN.GET MED ATTN IF  
IRRITATION DEVELOPS. INGESTION:DO NOT INDUCE VOMITING!GIVE WATER  
OR MILK.NEVER  
GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.GET MED  
ATTN. INHALATION:REMOVE TO FRESH AIR.GET MED ATTN FOR ANY BREATHING  
DIFFICULTY.

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

Flash Point:NONFLAMMABLE  
Lower Limits:NOT KNOWN  
Upper Limits:NOT KNOWN  
Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING  
SURROUNDING FIRE.  
Fire Fighting Procedures:USE PROTECTIVE CLOTHING AND BREATHING  
EQUIPMENT APPROPRIATE FOR SURROUNDING FIRE.  
Unusual Fire/Explosion  
Hazard:NOT CONSIDERED AN EXPLOSION HAZARD,BUT  
EXPLOSION MAY OCCUR WHEN APPLIED TO RED-HOT ALUMINUM.

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

Spill Release Procedures:PROTECTION AGAINST SKIN CONTACT OR INHALATION  
OF DUST OR MIST.SCOOP UP,PLACE IN SEALABLE CONTAINERS.FLUSH  
RESIDUES TO HOLDING AREA,NEUTRALIZE WITH DILUTE HYDROCHLORIC  
ACID.RECLAIM AND REUSE AS MUCH AS POSSIBLE.  
Neutralizing Agent:DILUTE HYDROCHLORIC ACID.

===== Handlin

g and Storage =====

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER,STORE  
IN COOL,DRY,VENTILATED AREA.PROTECT AGAINST PHYSICAL DAMAGE.ISOLATE  
FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH  
THIS MATERIAL.

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

Respiratory Protection:FOR DUST EXPOSURE WEAR DUST/MIST RESPIRATOR,FOR  
EMERGENCIES SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:LOCAL EXHAUST SYSTEM WHICH CAPTURES CONTAMINATION AT ITS  
SOURCE IS RECOMMENDED TO PREVENT DISPERSION INTO WORKROOM AIR.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES AND/OR(SUP DATA)

Other Protective Equipment:MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH  
FACILITY IN WORK AREA.

Work Hygienic Practices:DO NOT GET IN EYES,ON SKIN,OR ON CLOTHING.AVOID  
BREATHING DUST.WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EYE

PROT:FULL FACE SHIELD WHERE DUSTING OR SPLASHING OF SOLUTIONS IS  
POSSIBLE.

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

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:1564F,851C

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:NOT KNOWN

Spec Gravity:2.53 (WATER=1)

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:45.5 G/100 CC @ 100C

Appearance and Odor:WHITE,ODORLESS POWDER OR GRANULES.

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

Stability Indicator/Materials to Avoid:YES

PHOSPHORUS PENTOXIDE,SULFURIC ACID,ZINC,LITHIUM,MOISTURE,CALCIUM  
HYDROXIDE AND 2,4,6-TRINITROTOLUENE,ACIDS.

Stability Condition to Avoid:NOT KNOWN

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE  
WHEN HEATED TO DECOMPOSITION.REACTS VIOLENTLY WITH ACIDS TO FORM  
CARBON DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

=====

Waste Disposal Methods:DISPOSAL MUST BE IAW FEDERAL,STATE,LOCAL REGULATIONS.COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL .IF LOCAL ORDINANCES ALLOW,NEUTRALIZED WASTES CAN USUALLY BE FLUSHED TO DRAIN WITH EXCESS OF WATER.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.