

EVERITE MACHINE PRODUCTS CO INC -- EVERITE FORMULA ST -- 6850-01-371-2445

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

Product ID:EVERITE FORMULA ST

MSDS Date:01/15/2000

FSC:6850

NIIN:01-371-2445

Status Code:A

MSDS Number: CKYCY

=== Responsible Party ===

Company Name:EVERITE MACHINE PRODUCTS CO INC

Address:501 E ERIE AVE

City:PHILADELPHIA

State:PA

ZIP:19134-1106

Country:US

Info Phone Num:215-425-3750

Emerge

ncy Phone Num:215-425-3750 EXTN 505

CAGE:94559

=== Contractor Identification ===

Company Name:AMERICO INDUSTRIAL SUPPLY INC

Address:1070 E DOMINGUEZ ST UNIT B

Box:City:CARSON

State:CA

ZIP:90746-3619

Country:US

Phone:310-763-5500 FAX:310-763-5858

Contract Num:SP0450-99-MNE95

CAGE:0XDR8

Company Name:EVERITE MACHINE PRODUCTS CO

Address:501 E. ERIE AVE.

Box:City:PHILADELPHIA

State:PA

ZIP:19134

Phone:(215) 425-3750

CAGE:94559

Company Name:GATES SALES AND SERVICE

Box:UNKNOW

CAGE:0ZKD9

Company Name:PRO

TRONICS CORP  
Address:2411 11TH AVE S  
Box:City:GREAT FALLS  
State:MT  
ZIP:59405  
Country:US  
Phone:888-452-9589/FAX: 406-452-0089  
Contract Num:SP0450-01M-D626  
CAGE:06DN1

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

Ingred Name:SODIUM NITRATE  
CAS:7631-99-4  
RTECS #:WC5600000  
= Wt:50.  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM NITRITE (CERCLA)  
CAS:7632-00-0  
RTECS #:RA1225000  
= Wt:25.  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 80-185 MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, RESPIRATORY  
& GI TRACTS. ACUTE- EYE/SKIN/INHALATION:MAY CAUSE IRRITATION.  
ORAL:MAY CAUSE ANEMIA. THRESHOLD LIMIT VALUE: LD50 (ORAL RAT)  
80-185 MG/KG. VERY TOXIC. UNDER CERTAIN CONDITIONS, NITRITES MAY

REACT WITH SECONDARY AMINES TO FORM CARCINOGENIC NITROSAMINES.  
SODIUM NITRITE, IN SMALL AMOUNTS, IS USED AS A FOOD PRESERVATIVE.  
IN LARGE AMOUNTS CAUSES CONVERSION OF HEMOGL OBIN TO METHEMOGLOBIN  
PRODUCING CYANOSIS. CHRONIC- UNKNOWN.  
Explanation of Carcinogenicity:UNDER CERTAIN CONDITIONS, NITRITES MAY  
REACT WITH SECONDARY AMINES TO FORM CARCINOGENIC NITROSAMINES.  
Effects of Overexposure:INGESTION: IN SMALL AMOUNTS SODIUM NITRITE IS  
USED AS FOOD PRESERVATIVE. IN LARGE AMOUNTS

CAUSES CONVERSION OF HEMOGLOBIN TO METHEMGLOBIN PRODUCING CYANOSIS. MAY CAUSE ANEMIA. INHALATION MAY IRRITATE RESPIRATORY TRACT. SKIN AND EYES MAY IRRITATE.

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

First Aid:INGESTION: INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. SKIN & EYES: FLUSH WITH WATER.

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

Extinguishing Media:SMALL FIRE:TREAT AS A CLASS A FIRE. USE WATER, DRY CHEM

ICAL, CO2. MATERIAL MAY MELT, CARE SHOULD BE TAKEN NOT TO SCATTER MELT TO AVOID CONTACT WITH COMBUSTIBLES.

Fire Fighting Procedures:MATERIAL IS OXIDIZING AGENT. SUPPLIES OXYGEN TO STIMULATE COMBUSTION OF ORGANIC OR COMBUSTIBLE MATERIALS. DECOMPOSES >320C TO RELEASE TOXIC NITROGEN OXIDE GASES WHICH ARE OXIDIZERS. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS, NIOSH APPROVED APPARATUS WITH FULL FACEPIECE AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:

PRODUCT WILL EXPLODE IF HEATED TO 537C (1000F) IN PRESENCE OF REDUCING AGENTS, ORGANIC MATERIAL, OR CYANIDES.

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

Spill Release Procedures:SWEEP UP OR SHOVEL UP SPILLED MATERIAL.

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

Handling and Storage Precautions:STORE AWAY FROM REDUCING AGENTS AND LIQUIDS OF LOW FLASH POINTS. STORAGE AREA SHOULD BE COOL, DRY, VENTILATED, AND FIREPROOF. WOOD AND PAPER BAGS USED TO HOLD THIS PRODUCT SHOULD BE REMOVED FROM THE PREMISES.

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

Respiratory Protection:NIOSH APPROVED TYPE RESPIRATOR.

Ventilation:VENTILATION: MECHANICAL(GENERAL).

Protective Gloves:RUBBER OR BUTYL.

Eye Protection:GOGGLES.

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH

THOROUGHLY BEFORE EATING AND AFTER HANDLING.

Supplemental Safety and Health

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

HCC:D1  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:DECOMPOSES AT 320C  
Decomp Temp:=320.C, 608.F  
Spec Gravity:2.17  
Viscosity:NOT RELEVANT  
Evaporation Rate & Reference:NOT RELEVANT  
Solubility in Water:17 LBS IN 10 GALS WATER  
Appearance and Odor:WHITE CRYSTALS AND PELLETS - PLEASANT ODOR.

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

a =====

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH REDUCING AGENTS, COMBUSTIBLE AND FLAMMABLE MATERIALS.  
Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS. AVOID EXCESSIVE HEAT.  
Hazardous Decomposition Products:OXIDES OF NITROGEN.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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

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

n.