

AMERICAN SAFETY TECHNOLOGIES INC -- T-10/T-100/EU-100 HARDENER COMPONENT --  
5610-01-311-2937

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

Product ID:T-10/T-100/EU-100 HARDENER COMPONENT  
MSDS Date:06/09/1995  
FSC:5610  
NIIN:01-311-2937  
Status Code:A  
MSDS Number: CLKMQ  
=== Responsible Party ===  
Company Name:AMERICAN SAFETY TECHNOLOGIES INC  
Address:565 EAGLE ROCK AVE  
City:ROSELAND  
State:NJ  
ZIP:07068  
Country:US

Info Phone Num:973-403-2600  
Emergency Phone Num:1-800-424-9300  
Preparer's Name:ERNEST CARTER  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:88444

=== Contractor Identification ===  
Company Name:AMERICAN SAFETY TECHNOLOGIES INC  
Address:565 EAGLE ROCK AVE  
Box:City:ROSELAND  
State:NJ  
ZIP:07068  
Country:US  
Phone:973-403-2600  
CAGE:88444

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

Ingred Name:PROPOXYLATED TRIETHYLENETETRAMINE  
CAS:28950-53-0  
> Wt:80.

Ingred Name:TRIETHYLENETETRAMINE  
C

AS:112-24-3  
RTECS #:YE6650000  
&lt; Wt:20.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:EYES: MODERATE EYE IRRITATION. SKIN:  
IRRITANT. INHALATION: CAUSES UPPER RESPIRATORY TRACT IRRITATION  
AND MUCOUS MEMBRANE IRRITATION. INGESTION: CONTAINS MATERIAL THAT  
MAY BE SLIGHTLY TOXIC.  
Effects of Overexposure:IRRITATION, SENSITIZATION AND DERMATITIS.  
Medical Cond Aggravated by E  
xposure:ALLERGY; ECZEMA AND OTHER SKIN  
CONDITIONS.

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

First Aid:EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15  
MINUTES. SKIN: WASH CONTACT AREA WITH MILD SOAP AND WATER.  
INHALATION: REMOVE TO FRESH AIR. INGESTION: GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC  
Flash Point:~171.1C, 340.F  
Autoignition Temp:Autoignition Temp Text:NONE  
Low  
er Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL OR WATER SPRAY.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
COMPLETE PERSONAL PROTECTIVE EQUIPMENT WHERE POTENTIAL FOR EXPOSURE  
TO VAPORS OF PRODUCTS OF COMBUSTION EXISTS.  
Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY  
BE TOXIC.

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

Spill Release Procedures:ABSORB WITH INERT MATERIAL

AND COLLECT FOR  
DISPOSAL. FLUSH CONTAMINATED AREA WITH WATER.

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

Handling and Storage Precautions:AVOID ALL PERSONAL CONTACT.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR.  
Ventilation:MECHANICAL VENTILATION AND LOCAL EXHAUST ARE RECOMMENDED.  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Protection:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:IN  
OPERATIONS WHERE CONTACT MAY OCCUR.  
COVERALLS, APRON AND IMPERVIOUS FOOT COVERING ARE RECOMMENDED.  
Supplemental Safety and Health

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

Boiling Pt:=93.3C, 200.F  
Melt/Freeze Pt:M.P/F.P Text:NONE  
Decomp Temp:Decomp Text:NONE  
Vapor Pres:0.01MMHG@68F/20C  
Vapor Density:AIR=1  
Spec Gravity:1.02  
Evaporation Rate & Reference:(BUTYL ACETATE=1)  
Solubility in Water:MISCIBLE  
Appearance and Odor:YELLOW LIQUID AMINE ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:EXCESSIVE HEAT.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
ALDEHYDES AND OXIDES OF NITROGEN.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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