

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  
Pr  
eparer'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  
CAS:112-24-3  
RTECS #:YE6650000  
< Wt:20.

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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 Exposure:ALLERGY; ECZEMA AND OTHER SKIN  
CONDITIONS.

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

First Aid:EYES: FLUSH WITH LARGE QUANTITES 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  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:CARBON DIOX  
IDE, 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 WATE  
R.

===== 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 IMP

ERVIOUS 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 I

ndicator/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.

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