

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

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

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

Ingred Name:TRIETHYLENETETRAMINE
C

AS:112-24-3
RTECS #:YE6650000
< 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

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= 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.

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