

ATOCHEM NORTH AMERICA -- THERMOLITE 12 -- 8040-00-714-9557

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Product Identification
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Product ID:THERMOLITE 12

MSDS Date:11/22/1989

FSC:8040

NIIN:00-714-9557

MSDS Number: BRFPS

=== Responsible Party ===

Company Name:ATOCHEM NORTH AMERICA

Address:THREE PARKWAY

City:PHILADELPHIA

State:PA

ZIP:19102

Country:US

Info Phone Num:201-738-3099

Emergency Phone Num:201-738-3099

CAGE:0L2W7

=== Contrac

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Company Name:ATOCHEM NORTH AMERICA

Address:THREE PARKWAY

City:PHILADELPHIA

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CAGE:0L2W7

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Composition/Information on Ingredients
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Ingred Name:DIBUTYLTIN DILAUATE

CAS:77-58-7

RTECS #:WH7000000

Fraction by Wt: >95%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3 (AS SN)

ACGIH TLV:0.1 MG/M3 (AS SN)

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Hazards Identification
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LD50 LC50 Mixture:ACUTE ORAL

LD50 (RAT): 3954 MG/KG; *

Reports of Carcinogenicity:NTP:NO IARC:NO

Health Hazards Acute and Chronic:EYE: IMMED/DELAYED SEVERE IRRITATION.

EYE IRRITATION SCORE: 42/110. SKIN: IRRITATION, CONTACT DERMATITIS

MAY BE DELAYED. SKIN IRRIT SCORE: 3.2-6.4/8.0. INHALATION: IRRITATE

UPPER RESPIRATORY TRACT. OV EREXPOSURE MAY PRODUCE COUGHING,
HEADACHE, NAUSEA (SYMPTOMS MAY BE DELAYED). ORAL: SLIGHTLY TOXIC.

Effects of Overexposure:N/K

*

LD50 A

CUTE DERMAL (RABBIT): >2000 MG/KG.

Medical Cond Aggravated by Exposure:NONE KNOWN

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First Aid Measures
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First Aid:EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH FLOWING
WATER AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: FLUSH WITH
WATER, THEN WASH WITH SOAP & WATER. INHALATION: MOVE EXPOSED
INDIVIDUAL TO FRESH AIR. CALL PHYSICIAN. NOTE TO PHYSICIAN:
APPLICATION OF CORTICOSTEROID CREAM HAS BEEN EFFECTIVE IN TREATING
SEV
ERE SKIN IRRITATION. IF BLISTERS DEVELOP, THEY MAY REQ ABRASION
TO PROMOTE HEALING.

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Fire Fighting Measures
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Flash Point Method:COC

Flash Point:455F,235C

Extinguishing Media:WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:AVOID EYE & SKIN CONTACT. DO NOT BREATHE
FUMES. FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS
AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:IRRITATING FUMES MAY DEVELOP WH
EN PRODUCT
IS HEATED.

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Accidental Release Measures
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Spill Release Procedures:PREVENT DISCHARGE/RELEASE OF PRODUCT TO
SURFACE WATER. MAY POSE AQUATIC TOXICITY HAZARD. IN CASE OF SPILL,
COVER SPILL W/ABSORBENT & TRANSFER TO CNTNR (LINED STEEL).CLEAN
RESIDUE W/DETERGENT & WATER. USE DILUTE BLEACH SOLUTN TO REMOVE
ODOR.

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Handling and Storage
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Handling and Storage Precautions:WARNING! WILL CAUS

E SKIN BURNS. CAUSES

EYE IRRITATION. AVOID CONTACT W/EYES, SKIN & CLOTHING. DO NOT BREATHE VAPORS. KEEP CONTAINER CLOSED.

Other Precautions:WHEN HANDLING, WEAR GOGGLES AND GLOVES TO MINIMIZE CONTACT. WASH THOROUGHLY AFTER HANDLING. NORMAL WAREHOUSE HANDLING AND STORAGE IN A COOL, DRY AREA.

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

Respiratory Protection:AIR SUPPLIED OR COMBINATION ORGANIC VAPOR ACID GAS RESPIRATOR WITH A DUST AND MIST PREFILTER (IF NECESSARY) IF EXPOSURE EXCEEDS THE TLV.

Ventilation:LOCAL EXHAUST IS RECOMMENDED. MECHANICAL (GENERAL) IS REQUIRED.

Protective Gloves:RUBBER, NEOPRENE, OR NITRILE GLOVES

Eye Protection:CHEMICAL WORKER GOGGLES

Other Protective Equipment:EYEWASH & EMERGENCY SHOWER SHOULD BE READILY AVAILABLE. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:DO NOT WEAR CONTACT LENSES.

Supplemental Safety and Health

OVERVIEW: ON THE BASIS OF MANY YEARS OF HUMAN EXPERIENCE, IT IS EVIDENT

THAT THE PRINCIPAL POTENTIAL HEALTH EFFECTS OF ORGANOTINS ARE RELATED TO ACUTE EXPOSURE. THE EFFECTS WHICH ARE DESCRIBED IN THIS MSDS HAVE BEEN OBSERVED TO BE TRANSIENT IN NATURE.

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

Boiling Pt:B.P. Text:>401F,>205C

Melt/Freeze Pt:M.P/F.P Text:14F,-10C

Decomp Temp:Decomp Text:>482F,>250C

Spec Gravity:1.05

Viscosity:43 CP @ 25 C

Appearance and Odor:OILY, YELLOW TO AMBER LIQUID; FATTY ACID ODOR

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

Stability Indicator/Materials to Avoid:YES REDUCERS

Stability Condition to Avoid:ELEVATED TEMPERATURES OR OPEN FLAME.

Hazardous Decomposition Products:WILL NOT OCCUR

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

Waste Disposal Methods:SPILLED MATERIAL WHICH HAS BEEN TREATED ACCORDING TO RECOMMENDATIONS CAN BE DISPOSED OF AS SOLID WASTE IN AN APPROPRIATE PERMITTED LANDFILL. FOLLOW ALL CHEMICAL POLLUTION CONTROL

REGULATIONS.

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