

STAUFFER CHEMICAL CO. -- SYN-O-AD 8484 -- 6810-00-281-7478

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

Product ID:SYN-O-AD 8484

MSDS Date:04/01/1987

FSC:6810

NIIN:00-281-7478

MSDS Number: BHKCK

=== Responsible Party ===

Company Name:STAUFFER CHEMICAL CO.

Address:SPECIALTY CHEMICAL GROUP

City:WESTPORT

State:CT

ZIP:06880

Country:US

Info Phone Num:203-222-3000

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE

:8F554

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:STAUFFER CHEMICAL CO SPECIALTY CHEMICAL DIVISION

Address:NYALA FARMS RD

Box:City:WESTPORT

State:CT

ZIP:06880

Country:US

Phone:203-226-6602/CHEMTREC 800-424-9300

CAGE:8F554

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

Ingred Name:TRICRESYLPHOSPHATE

CAS:1330-78-5

RTECS #:TD0175000

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 4640 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SWALLOWING OF SUFFICIENT QUANTITIES OF THIS MATERIAL OR PROLONGED SKIN OR INHALATION EXPOSURE MAY CAUSE NERVE DAMAGE. THERE MAY ALSO BE CHOLINESTERASE INHIBITION.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:NERVE DAMAGE: WEAKNESS, NUMBNESS AND TINGLING SENSATIONS OF THE HANDS AND FEET, CRAMPS AND LOSS OF MUSCLE STRENGTH. CHOLINESTERASE INHIBITION: SALIVATION, SWEATING, HEADACHE, NAUSEA, MUSCLE TWITCHING, TREMORS, INCOORDINATION, BLURRED VISION, TEARS, ABDOMINAL CRAMPS, DIARRHEA, AND CHEST DISCOMFORT.
Medical Cond Aggravated by Exposure:THERE ARE NO DATA AVAILABLE WHICH ADDRESS MEDICAL CONDITIONS THAT ARE GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:INGEST: IMMEDIATELY GIVE SEVERAL GLASSES OF WATER BUT DO NOT INDUCE VOMITING. SEE DR. SKIN: FLUSH ALL AFFECTED AREAS WITH PLENTY OF WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS, SEE DR. EYE: FLUSH WITH PLINTY OF RUNNING WATER FOR AT LEAST 15 MIN. SEE DR. IF IRRITATION PERSISTS. INHALE: REMOVE TO FRESH AIR. SEE DR. IF RESPIRATORY IRRITATION OCCURS OR IF BREATHING BECOMES DIFFICULT.

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

Flash Point Method:COC
Flash Point:465F,241C
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosio

n Hazard:NOT DEFINED AS FLAMMABLE OR COMBUSTIBLE.

WILL SUPPORT COMBUSTION AND DECOMPOSE TO GIVE OFF TOXIC PHOSPHORUS OXIDES. WILL SELF-EXTINGUISH WHEN FIRE SOURCE REMOV.

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

Spill Release Procedures:WIPE OR SOAK UP SMALL SPILLS WITH PAPER TOWEL OR INERT ABSORBANT. DIKE TO RETAIN LARGE SPILLS. VACUUM UP FREE LIQUID. REMOVE RESIDUE WITH INERT ABSORBANT. PLACE IN DISPOSAL CONTAINER. FLUSH AREA WITH WATER.

Neutrali

zing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP CONTAINERS CLOSED.

Other Precautions:NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT.

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

Respiratory Protection:WHERE ADEQUATE VENTILATION IS NOT AVAILABLE, USE

NIOSH-APPROVED ORGANIC VAPOR RESPIRATORS WITH DUST, MIST AND FUME FILTERS TO REDUCE EXPOSURE.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA IS NOT VENTED.

Protective Gloves:PERMEATION RESISTENT

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE

EATING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:500F,260C

Vapor Pres:0.1 @311 F

Spec Gravity:1.162

Solubility in Water:0.2

Appearance and Odor:CLEAR, TRANSPARENT LIQUID, PALE BROWN TO COLORLESS. FAINT OR NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Co

Condition to Avoid:NONE

Hazardous Decomposition Products:UNDER FIRE CONDITIONS - TOXIC
PHOSPHORUS OXIDES.

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

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

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