

CHEMICAL SPECIALISTS & DEVELOPMENT INC. -- PD- 680A TY 11 -- 6850-00-285-8011
===== Product Identification =====

Product ID:PD- 680A TY 11
MSDS Date:09/01/1990
FSC:6850
NIIN:00-285-8011
MSDS Number: BDTRN
=== Responsible Party ===
Company Name:CHEMICAL SPECIALISTS & DEVELOPMENT INC.
Address:5 HACKBERRY LANE
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Info Phone Num:409-756-1065
Emergency Ph
one Num:800-424-9300
CAGE:4N760

=== Contractor Identification ===
Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC
Address:2210 HACKBERRY LN
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Phone:409-756-1065
CAGE:4N760

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

Ingred Name:HYDROTREATED LIGHT PETROLEUM DISTILLATE
CAS:64742-47-8
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM 9192

===== Hazards Identific

ation =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: MAY CAUSE MILD IRRITATION. SKIN:
PROLONGED CONTACT MAY CAUSE IRRITATION, DRYING AND CRACKING.
INHALATION: BREATHING HIGH CONCENTRATIONS OF VAPORS MAY CAUSE
IRRITATION OF THE NOSE, THROAT AND SIG NS OF DEPRESSION. INGESTION:
MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT AND SIGNS OF
DEPRESSION.

Explanati

on of Carcinogenicity:THIS COMPOUND HAS NOT BEEN IDENTIFIED AS
A CARCINOGEN BY NTP, IARC, OR OSHA.

Effects of Overexposure:EYES, SKIN AND RESPIRATORY TRACT IRRITATION.
CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE,
DROWSINESS, DIZZINESS, NAUSEA, LOSS OF COORDINATION, AND FATIGUE.
REPORTS HAVE ASSOCIATED R EPEATED OCCUPATIONAL OVEREXPOSURE WITH
PERMENANT BRAIN AND NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN AND
RESPIRA
TORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS
PRODUCT.

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

First Aid:EYES: FLUSH WITH LARGE AMOUMTS OF WATER. IF IRRITATION
PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL
ATTENTION. INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NOT
BREATHING. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL
ATTENTION. INGESTION: DO
NOT INDUCE VOMITING. GET MEDICAL
ATTENTION.

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

Flash Point Method:TCC

Flash Point:140F,60C

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM OR WATER SPRAY
IS RECOMMENDED.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPOR MAY

TRAVEL LONG DISTANCES TO A

SOURCE OF IGNITION, IGNITE AND FLASH BACK OR EXPLODE. VAPORS ARE HEAVIER THAN AIR AND MAY COLLECT IN LOW AREAS.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. STOP SOURCE OF LEAK. DIKE TO PREVENT FROM ENTERING SEWERS, STORM DRAINS AND NATURAL WATERWAYS. VACUUM OR PUMP TO SAL VAGE VESSEL. ABSORB RESIDUE IN ABSORBENT MATERIAL.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. VAPORS WHEN IGNITED MAY EXPLODE.

Other Precautions:"EMPTY" CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILAR OPERATIONS ON OR NEAR CONTAINERS. STATIC ELECTRICITY MAY CREATE A FIRE HAZARD. GROUND CONTAINERS, FIX ED AN D TRANSFER EQUIPMENT.

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

Respiratory Protection:AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, USE A NIOSH/MSHA APPROVED RESPIRATOR. EITHER AN AIR-SUPPLIED OR AIR-PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES IS RECOMMENDED.

Ventilation:USE EXPLOSION-PROOF LOCAL AND/OR MECHANICAL VENTILATION. AVOID OPEN ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protectiv

e Gloves:GLOVES IMPERMEABLE TO MINERAL SPIRITS.

Eye Protection:CHEMICAL SAFETY GOGGLES AND FACESHIELD.

Other Protective Equipment:IMPERVIOUS CLOTHING TO MINIMIZE CONTACT.

RUBBER APRON AND BOOTS IF REQUIRED. PROVIDE EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THE MANUFACTURER'S MSDS FOR THIS NSN IS ALSO USED FOR PRODUCTS UNDER NSN 8

010-00-246-6112 "THINNER, PAINT TYPE 11-HIGH FLASH MINERAL SPIRITS" WITH SHIPPING NAME "PAINT RELATED MATERIAL".

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

HCC:F4

Boiling Pt:B.P. Text:367F,186C

Vapor Pres:1.0

Spec Gravity:0.772

Evaporation Rate & Reference:0.08 (N-BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, LITTLE IF ANY COLOR.

Percent Volatiles by Volume:100

Corrosion Rate:NOT CORR

===== Stability and Reactivity Data

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Stability Indicator/Materials to Avoid:YES

STRONG ACIDS OR BASES, OXIDIZING AGENTS AND SELECTED AMINES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OTHER HYDROCARBON COMPOUNDS DURING COMBUSTION.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.

DISPOSE OF WASTE IN ACCORDANCE

WITH LOCAL, STATE AND FEDERAL

REGULATIONS. IF SPILL OF ANY AMOUNT IS MADE INTO U.S. NAVIGABLE

WATERS OR ADJOINING SHORELINES, NOTIFY THE NATIONAL RESPONSE

CENTER (800-424-8802)

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