

CALENDAR CHEMICALS -- 001013A1 PD 680 TYPE II -- 6850-00-637-6135

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

Product ID:001013A1 PD 680 TYPE II

MSDS Date:05/11/1988

FSC:6850

NIIN:00-637-6135

MSDS Number: BKYMF

=== Responsible Party ===

Company Name:CALENDAR CHEMICALS

Address:2920 UNION ST

Box:81241

City:SAN DIEGO

State:CA

ZIP:92138-1241

Country:US

Info Phone Num:(619) 695-8250

Emergency Phone Num:(619) 6

95-8250

CAGE:67003

=== Contractor Identification ===

Company Name:CALENDAR CHEMICALS

Address:2920 UNION ST

Box:81241

City:SAN DIEGO

State:CA

ZIP:92138-1241

Country:US

CAGE:67003

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

Ingred Name:HYDROTREATED LIGHT DISTILLATE, PETROLEUM; C12-C15
ISOPARAFFINIC HYDROCARBONS

CAS:64742-47-8

Other REC Limits:300 PPM (MFR)

OSHA PEL:500 PPM

ACGIH TLV:100 PPM

Ingred Name:MINERAL SPIRITS, ALKYL BENZENES, C-10 - C-12

CAS:68515-25-3

Ing

red Name:VOL ORGANIC CMPD: 783 GRAMS/LITER
RTECS #:9999999VO

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:

PAIN/TEARING/INFLAMMATION/IRRITATION. SKIN:
IRRITATION/DEFATTING/DRYING/DERMATITIS. INHALATION: IRRITATION TO
NOSE/THROAT/RESPIRATORY TRACT, CNS DEPRESSION,
GIDDINESS/HEADACHE/DIZZINESS/NAUSEA/U
NCON

SCIOUSNESS/DEATH/COUGH/LABORED BREATHING/CYANOSIS &
CONVULSIONS. INGESTION: VOMITING/HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: PAIN/TEARING/INFLAMMATION/IRRITATION.

SKIN; IRRITATION/DEFATTING/DRYING/DERMATITIS. INHALATION:
IRRITATION TO NOSE/THROAT/RESPIRATORY TRACT, CNS DEPRESSION,
GIDDINESS/HEADACHE/DIZZINESS/NAUSEA/U
NCONSCIOUSNESS/DEATH/COUGH/LABORED BREATHING/CYANOSIS/CONVULSIONS.
INGESTION: VOMITING/HARMFUL.

Medical Cond Aggravated b

y Exposure:EYE & RESPIRATORY DISORDERS

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WASH W/SOAP
& WATER. INHALATION: REMOVE TO FRESH AIR, IF BREATHING IS
DIFFICULT, PROVIDE OXYGEN/ARTIFICIAL RESPIRATION. INGESTION: INDUCE
VOMITING ONLY IF CONSCIOUS. KEEP HEAD BELOW HIPS TO PREVENT
ASPIRATION OF LIQUID INTO LUNGS RESULTING IN PNEUMONITIS. OBTAIN
MEDICAL ATTENTION IN ALL CASES. (SEE SUPP).

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

Flash Point Method:TCC

Flash Point:142F

Lower Limits:1%

Upper Limits:6%

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CO2. DON'T USE A
DIRECT STREAM OF WATER.

Fire Fighting Procedures:WEAR POSITIVE PRESSURE NIOSH APPROVED
SELF-CONTAINED BREATHING APPARATUS & FULL BUNCKER GEAR. USE WATER
FOG, IF VAPOR CLOUD FORMS.

Unusual Fire/Explosion Hazard:USE WATER TO COOL CONTAINERS EXPOSED TO
HEAT TO PREVENT VAPOR PRES

SURE BUILDUP/RUPTURE/WEAKENING.

AUTOIGNITION TEMP: 489F. PRODUCT >AIR & MAY FLOAT/REIGNITE.

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

Spill Release Procedures:EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT. SHUT OFF SOURCE OF LEAK SAFELY. SOAK UP RESIDUE W/ABSORBENT (VERMICULITE/SUITABLE MATERIAL). PLACE IN NON-LEAKING CONTAINERS. DIKE/CONTAIN RUNOFF. REMOVE W/VA CUUM TRUCKS/PUMP TO SALVAGE VESSEL.

===== Handling and Storage =====
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Handling and Storage Precautions:STORE CONTAINERS IN SAFE NON-TRAFFIC AREA. KEEP CONTAINER CLOSED/WELL IDENTIFIED/SEAL TIGHTLY. AVOID BREATHING OF VAPORS, CONTACT W/EYES/SKIN.

Other Precautions:DON'T CUT/DRILL/GRIND/WELD ON/NEAR EMPTY CONTAINERS. NO SMOKING. WHEN TRANSFERRING, USE BONDING PROCEDURES. GROUND TO PREVENT SPARKING. AVOID CONTACT W/ALL IGNITION SOURCES/STRONG OXIDIZING AGENTS.

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

Respiratory Protection:USE A NIOSH APPROVED RESPIRATOR WHEN ANTICIPATED EXPOSURE EXCEEDS TLV. USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:CHEMICAL-RESISTANT

Eye Protection:SAFETY GLASSES, GOGGLES, FACESHIELD

Other Protective Equipment:PROTECTIVE CLOTHING, RUBBER BOOTS, BUNKER COATS, & HELMET W/FACE SHIELD

Work Hygienic Practice

s:REMOVE/LAUNDER/AIR-DRY CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health

PHYSICIAN NOTE: INDUCE VOMITING BY GIVING 2 GLASSES OF WATER FOLLOWED BY 2 TSPS SYRUP OF IPECAC OR INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEXES/CONVULSIONS/UNCONSCIOUSNESS OCCUR BEFORE EMESIS, USE GASTRIC LAVAGE, FOLLOWING INTUBATION W/CUFFED ENDOTRACHEAL TUBE.

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

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Boiling Pt:B.P. Text:365-428F

Vapor Pres:1

Vapor Density:5.3

Spec Gravity:0.783

Evaporation Rate & Reference:(BU AC = 1): 0.1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER WHITE W/PAINT THINNER ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:IGNITION SOURCES SUCH AS SPARKS, HEAT, OR
FLAMES

Hazardous Decomposition Products:CO, & UNIDENTIFIED ORGANIC CO
MPOUNDS

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE W/FEDERAL, STATE
& LOCAL REGULATIONS. COMBUSTIBLE LIQUID. DOT UN1255.

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