

CHEMICAL SPECIALISTS AND DEVELOPMENT -- ISOPARAFFINIC PETROLEUM SOLVENT --  
6850-01-377-1809

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

Product ID:ISOPARAFFINIC PETROLEUM SOLVENT  
MSDS Date:05/22/1991  
FSC:6850  
NIIN:01-377-1809  
Status Code:A  
MSDS Number: CJCTP  
=== Responsible Party ===  
Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT  
Address:5 HACKBERRY LANE  
Box:3087  
City:CONROE  
State:TX  
ZIP:77305  
Country:US  
Emergency Phone Num:713-923-6641/800-424-9300(CHEMTREC)  
CAGE:4  
N760

=== 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:"NOT HAZARDOUS"  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

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

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

city:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:SLIGHT IRRITATION(NO INJURY). SKIN:PROLONGED/REPEATED CONTACT MAY IRRITATE & CAUSE DERMATITIS.INHALATION: HIGH VAPOR MAY CAUSE RESPIRATORY TRACT IRRITATION,HEADACHE,DIZZINESS, ANESTHESIA,DR  
OWSINESS,UNCONSCIOUSNESS,DEATH.INGESTION:MINIMAL TOXICITY. ASPIRATION MAY LEAD TO PULMONARY INJURY & DEATH.

Explanation of Carcinogenicity:HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HEALTH RISKS WHICH VARY FROM PERSON TO PERSON.

Effects of Overexposure:CHRONIC-LABORATORY ANIMAL STUDIES HAVE SHOWN THAT PROLONGED & REPEATED INHALATION EXPOSURE TO LIGHT HYDROCARBON VAPORS IN THE SAME NAPHTHA BOILING RANGE AS THIS PRODUCT CAN PRODUCE ADVERSE KIDNEY EFFECTS IN MALE RATS.IN A NUMBER OF HUMAN STUDIES,NO SUCH EFFECTS AT NORMAL OCCUPATIONAL LEVELS.

Medical Condition Aggravated by Exposure:PRE-EXISTING SKIN DISORDER (DERMATITIS) MAY BE AGGRAVATED BY THIS MATERIAL.

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

First Aid:GET MEDICAL AID.INHALATION:MOVE TO FRESH AIR.GIVE CPR IF NEEDED.KEEP AT REST.EYES:FLUSH WITH WATER FOR 15 MINUTES. SKIN:WASH WITH SOAP & WATER.INGESTION:DO NOT INDUCE VOMITING.KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:239F,115C

Autoignition Temp:Autoignition Temp Text:594F

Lower Limits:0.6

Upper

Limits:7.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS (BOIL OVER).

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

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

#### ===== Accidental Release =====

Release Measures =====

Spill Release Procedures: REMOVE SOURCES OF HEAT/IGNITION. PROVIDE ADEQUATE VENTILATION. TAKE UP SMALL SPILLS WITH NONCOMBUSTIBLE ABSORBENT (FULLER'S EARTH/SAND). PLACE INTO CONTAINERS. LARGE SPILLS: CONTAIN SPILL IN EARTHEN DIKES FOR LATER RECOVERY. REPORT SPILLS AS REQUIRED.

Neutralizing Agent: NOT APPLICABLE.

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

Handling and Storage Precautions: STORAGE-STORE IN A COOL, WELL VENTILATED AREA. AVOID INHALATION & SKIN CONTACT ESPECIALLY WHEN HANDLING USED OIL.

Other Precautions: AVOID CONTACT WITH EYES/SKIN. WASH HANDS WITH SOAP AND WATER AFTER HANDLING. REMOVE SOILED CLOTHING. AVOID BREATHING MISTS/VAPORS. DO NOT WELD, HEAT OR DRILL CONTAINERS. RESIDUE MAY IGNITE WITH EXPLOSION. DO NOT USE PRESSURE TO EMPTY DRUMS.

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

Respiratory Protection: CONCENTRATION-IN-AIR DETERMINES PROTECTION NEEDED. WEAR A

APPROVED ORGANIC VAPOR RESPIRATOR SUITABLE FOR OIL

MIST IN AREAS WITH SUFFICIENT OXYGEN. PROTECTION USUALLY NOT NEEDED

UNLESS PRODUCT IS HEATED OR MISTED. OCCUPATIONAL EXPOSURE : 200 PPM

Ventilation: MECHANICAL VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIMIT.

Protective Gloves: NITRILE

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment: EYE WASH STATION. BODY-COVERING WORK CLOTHES TO AVOID PROLONGED EXPOSURE. LAUNDER SOILED WORK CLOTHES BEFORE REUSE.

Work H

ygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

NONE

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

HCC: N1

Boiling Pt: B.P. Text: 532F, 278C

Melt/Freeze Pt: M.P/F.P Text: