

SHELL OIL COMPANY -- CLEANING SOLVENT,TYPE II -- 6850-00-810-1762

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

Product ID:CLEANING SOLVENT,TYPE II

MSDS Date:06/13/1989

FSC:6850

NIIN:00-810-1762

MSDS Number: BQSGI

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819/4141/2252 FAX -6511

Emergency Phone Num:713-473-9461/800-424-9300(CHEMTREC)

Preparer'

s Name:J. C. WILLETT

CAGE:54527

=== Contractor Identification ===

Company Name:SHELL OIL COMPANY

Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

Company Name:SOLVENTS AND CHEMICALS, INC.

Address:4704 SHANK ROAD

Box:City:PEARLAND

State:TX

ZIP:77588-0490

Country:US

Phone:281-485-5377

CAGE:4W432

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

Ingred Name:NAPHTHA, MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 100%

Other REC Limits:100 PPM AS

STODDARD

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

LD50 LC50 Mixture:LD50(ORAL,RAT) >25 ML/KG;LC50 >700PPM/4H
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- LIQUID IS PRACTICALLY
NONIRRITATING TO EYES. IT IS SLIGHTLY IRRITATING TO SKIN. PROLONGED
OR REPEATED SKIN CONTACT CAN RESULT IN DEFATTING & DRYING OF SKIN
CAUSING IRRITATION & DERMATITIS. VAPORS MAY
CAUSE NOSE, THROAT &
RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE VOMITING,
ASPIRATION. CHRONIC- DERMATITIS
Effects of Overexposure:IRRITATION OF SKIN, NOSE, THROAT AND
RESPIRATORY SYSTEM. CNS DEPRESSION CAUSING GIDDINESS, HEADACHE,
DIZZINESS AND NAUSEA. IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH
MAY OCCUR. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING,
LABORED BREATHING AND CYANOSIS (BLUISH SKIN). IN SEVERE CASES,
DEATH MAY OCCUR.
Medical Condition Aggravated
by Exposure:PREEXISTING EYE, SKIN AND
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS
PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE
CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER, THEN WASH WITH SOAP &
WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.
INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO
NOT INDUCE VOMITING. IF VOMITING
OCCURS SPONTANEOUSLY, KEEP HEAD
BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. GET MEDICAL
ATTENTION.

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

Flash Point Method:TCC
Flash Point:143F,62C
Lower Limits:1
Upper Limits:7
Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT
USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE
REIGNITED.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND
NIOSH APPROVED

SELF CONTAINED BREATHING APPARATUS IN + PRESSURE
MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:CONTAINERS WILL BE RUPTURED DUE TO
INTERNAL PRESSURE BUILD UP. COOL THEM WITH WATER.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP LARGE SPILL
WITH NON-SPARKING TOOLS; SMALL SPILLS/RESIDUE WITH INERT ABSOR
BENT
MATERIAL. PLACE IN CONTAINERS. PREVENT ENTERING WATERWAYS/SEWERS.

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED PLACE AWAY
FROM HEAT, SPARKS, FLAMES & INCOMPATIBLE MATERIALS. BOUND & GROUND
TRANSFER CONTAINERS & EQUIPMENT.
Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE
DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL OR
EXPOSE SUCH CONTAINERS TO HEAT, FLAME,
SPARKS. THEY MAY EXPLODE AND
CAUSE INJURY/DEATH. AVOID REPEATED OR PROLONGED SKIN CONTACT.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF HEAVY MISTING
IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED
PERMISSIBLE EXPOSURE LIMITS (PEL), USE NIOSH-APPROVED RESPIRATORY
PROTECTION (REFER TO 29 CFR 1910.134).
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION
TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:RUBBER OR PLASTIC RECOMMENDED
Eye Protection:SAFETY GOGGLES/FACE SHIELD IF SPLASHING
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices:PRACTICE GOOD HYGIENIC PROCEDURE. WASH
THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health
NOTE TO PHYSICIAN: IF > 2 ML/KG HAS BEEN INGESTED & VOMITING HAS NOT
OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. KEEP VICTIM'S
HEAD BELOW HIPS. IF S

SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS OCCUR BEFORE EMESIS, GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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

HCC:N1

Boiling Pt:B.P. Text:368-402 F

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Vapor Pres: