STARTEX CHEMICAL, INC.         -- PAINT THINNER
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MSDS Safety Information
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FSC: 6850
NIIN: 00-281-1985
MSDS Date: 03/05/1996
MSDS Num: CDGZB
Product ID: PAINT THINNER
MFN: 01
Responsible Party
Cage: 0YFV5
Name: STARTEX CHEMICAL, INC.
Box: 3087
City: CONROE TX 77305
Info Phone Number: 409-539-6244
Emergency Phone Number: 800-424-9300
Review Ind: Y
Published: Y
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Contractor Summary
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Cage: 0YFV5
Name: STARTEX CHEMICAL INC
Address: 5 HACKBERRY LANE
Box: 3087
City: CONROE TX 77305
Phone: 409-539-6244
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Item Description Information
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Item Manager: GSA
Item Name: DRY CLEANING SOLVENT
Unit of Issue: GL
UI Container Qty: 1 GL CN
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Ingredients
=================================================================
Cas: 8052-41-3
RTECS #: WJ8925000
Name: MINERAL SPIRITS
Other REC Limits: NIOSH350MG/M3;C 1800
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM
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Cas: 111-84-2
RTECS #: RA6115000
Name: NONANE (LC50 4 HR RATS 3200 PPM)
% Wt: 1-6
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED200 P
ACGIH TLV: 200 PPM
=================================================================
Cas: 111-65-9
RTECS #: RG8400000
Name: OCTANE (LC50 13500 PPM)
% Wt: 1-3
Other REC Limits: NIOSH 75PPM; C NONE R
OSHA PEL: 500 PPM
ACGIH TLV: 300 PPM/STEL 375

Cas: 95-63-6
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE (SARA 313)
% Wt: 1-5
Other REC Limits: NIOSH 100PPM/C 200
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 25 PPM/STEL 150

Health Hazards Data

Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO


Signs And Symptoms Of Overexposure:
*REFLEX/TREMORS/CONVULSIONS/SEIZURES/UNCONSCIOUSNESS/COMA/DEATH.
ENEMIA/IRREG HEARTBEAT/BEHAVIORAL CHANGES. INGEST: HARMFUL/FATAL. NAUSEA/VOMITING/DIARRHEA/RESTLESSNESS. NO VOMITING. MAY CAUSE SEVERE CHEM PNEUMONITIS/PULMINARY EDEMA/HEMERA GE. (FATAL). GI DISTURBANCE (IRRIT/DEPRESSION/VOMITING/DIARRHEA).**

Medical Cond Aggravated By Exposure: SKIN/EYE/HEART/CNS/RESPIRATORY DISORDERS.**TARGETS RESPIRATORY SYSTEM/SKIN.

First Aid: EYE: FLUSH IMMEDIATELY WITH LOTS OF WATER >15 MIN LIFTING LIDS. GET MED AID IF PAIN CONTINUES. SKIN: WASH WELL W/SOAP & WATER. REMOVE CONTAM CLOTHES/WASH BEFORE REUSE. IF IRRIT PERSISTS GET MED AID. HIGH PRESSURE SKIN INJECTION (SERIOUS MED EMERGENCY). GET MED AID. INHAL: GET FRESH AIR. IF TROUBLE BREATHING GIVE OXY, ARTIF RESP/CPR IF NOT BREATHING. GET MED AID. INGEST: NOTHING BY MOUTH IF UNCONSCIOUS.***

Handling and Disposal

Spill Release Procedures: REMOVE IGNIT SOURCE. DISPERSE VAPORS W/WATER SPRAY. ABSORB W/ABSORBENT. HANDLE ACCORDING TO ENVIRO REGS. DIKE (NO WATERWAYS).
CALL APPROP AUTHORITIES (NATIONAL RESPONSE-800-424-8802).

Waste Disposal Methods: ACCORDING TO LOCAL, STATE, FEDERAL REGULATIONS.
Handling And Storage Precautions: STORE IN TIGHTLY CLOSED CONTAINER IN COOL DRY ISOLATED WELL-VENTILATED AREA AWAY FROM HEAT/IGNIT SOURCE/INCOMPATIBLE MATL. USE NONSPARKING TOOLS.

Other Precautions: GROUND LINES/CONTAINERS/EQUIPMENT USED DURING TRANSFER(NO STATIC) NO SWITCH LOADING (LOADING IN CNTNRS WHICH HELD LOW FLASHMATL).

Fire and Explosion Hazard Information

Flash Point Text: 105F, 41C
Autoignition Temp Text: >400F
Lower Limits: 0.9
Upper Limits: 6.0
Extinguishing Media: DRY CHEMICAL, FOAM, CARBON DIOXIDE. USE WATER TO COOL
FIRE-EXPOSED CONTAINERS/STRUCTURES/PROTECT PERSONNEL.
Fire Fighting Procedures: IF NOT IGNITED VENTILATE AREA. DISPERSE GAS/VAPOR
W/WATER SPRAY. DON'T ENTER ENCLOSED SPACE W/O NIOSH SCBA/FULL FACE MASK.
STORED ORGANIC MAIL MAY COMBUST.
Unusual Fire/Explosion Hazard: VAPORS FORM FLAMMABLE EXPLOSIVE MIXTURES W/AIR
AT ROOM TEMP. MAY SPREAD TO IGNIT SOURCE/FLASHBACK/ACCUMULATE IN
LOW/CONFINED AREA. MAY IGNITE BY STATIC.

Control Measures

Respiratory Protection: IF EXPOSURE LIMITS EXCEEDED, NIOSH EQUIPMENT. USE
APPROPRIATE RESPIRATORY PROTECTION. KEEP AVAILABLE FOR NONROUTINE/EMERGENCY
USE.
Ventilation: AVOID MISTS/VAPORS. MECHANICAL VENTILATION IN CONFINED AREAS.
KEEP BELOW APPROPRIATE LEVELS.
Protective Gloves: NEOPRENE/NITRILE/BUTADINE RUBBER
Eye Protection: SAFETY GLASSES/ CHEMICAL SPLASH GOGGLES
Other Protective Equipment: IMPERVIOUS CLOTHES/BOOTS. EYEWASH FACILITY.
Work Hygienic Practices: DISCARD CONTAMINATED LEATHER GOODS. WASH HANDS
BEFORE EATING/DRINKING/SMOKING/ USING TOILET.
Supplemental Safety and Health: DON'T CUT/GRIND/DRILL/WELD/REUSE EMPTY
CNTNRS.PROPERLY LABEL CNTNRS. CAUTION WHEN OPERATING AT HIGH TEMP/PRESSURE
(MAY IGNITE <400F). ***DON'T INDUCE VOMIT. GIVE VEGETABLE OIL/CHARCOAL
SLURRY. IF VOMITING KEEP HEAD BELOW HIPS. GET MED AID. (MORE INFORMATION
FOR THIS MSDS ON FILE)

Physical/Chemical Properties

HCC: F4
B.P. Text: 310 TO 400F
M.P/F.P Text: NA
Vapor Pres: 0.1 @100F
Vapor Density: 5.0
Spec Gravity: 0.77 @ 60F
Solubility in Water: NEGLIGIBLE
Appearance and Odor: WATER WHITE LIQUID, MILD HYDROCARBON ODOR
Percent Volatiles by Volume: MOD

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: HEAT/SPARK/FLAME/STATIC/OTHER IGNIT SOURCE. NO
VAPOR ACCUMULATION/SWITCH LOADING.
Materials To Avoid: STRONG OXIDIZING AGENTS (PEROXIDE
DICROMATE/PERMANGANATE/CHLORINE) STRONG ACIDS/CAUSTICS/HALLOGENS
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, REACTIVE
HYDROCARBONS (ALDEHYDES/AROMATIC) 
Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information
MSDS Transport Information

Responsible Party Cage: 0YFV5
Trans ID NO: 65448
Product ID: PAINT THINNER
MSDS Prepared Date: 03/05/1996
Review Date: 02/03/1997
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: 1 GL CN

Detail DOT Information

DOT PSN Code: LFK
DOT Proper Shipping Name: PAINT RELATED MATERIAL
DOT PSN Modifier: INCLUDING PAINT THINNING, DRYING, REMOVING, OR REDUCING COMPOUND
Hazard Class: 3
UN ID Num: UN1263
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A

Detail IMO Information

IMO PSN Code: LCT
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
                    VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT
                    THINNING OR REDUCING COMPOUND) o
IMDG Page Number: 3372
UN Number: 1263
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 310
Detail IATA Information

IATA PSN Code: SXH
IATA UN ID Num: 1263
IATA Proper Shipping Name: PAINT
IATA PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC, VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE)
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Packing Note Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packing Note Cargo: 310

Detail API Information

AFI PSN Code: SXH
AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
AFI PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDIN PAINT THINNING OR REDUCING COMPOUNDS)
AFI Hazard Class: 3
AFI UN ID NUM: UN1263
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3

HAZCOM Label

Product ID: PAINT THINNER
Cage: FYFV5
Company Name: STARTEX CHEMICAL INC
Street: 5 HACKBERRY LANE
PO Box: 3087
City: CONROE TX
Zipcode: 77305
Health Emergency Phone: 800-424-9300
Label Required IND: Y
Date Of Label Review: 10/12/1999
Status Code: A
Origination Code: G

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