

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
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Cas: 8052-41-3
RTECS #: WJ8925000
Name: MINERAL SPIRITS
Other REC Limits: NIOSH350MG/M3;C 1800
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM

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

Effects of Exposure: EYE: SEVERE IRRIT/REDNESS/TEARING/BLURRED
VISION/CONJUNCTIVITIS. SKIN: MODERATE
IRRIT/DEFATTING/REDNESS/ITCHING/INFLAM/DERMATITIS/POSSIBLE SECONDARY
INFECTION. SYMPTOMS MAY BE DELAYED. INHAL: NASAL/RESP TRACT IRRIT. CNS
EFFECTS (EXCITATION/ EUPHORIA). DIZZINESS/DROWSINEAA/BLURRED
VISION/FATIGUE/NAUSEA/HEADACHE/LOSS*

Signs And Symptoms Of Overexposure:
*REFLEX/TREMMORS/CONVULSIONS/SEISURES/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 IMMED W/LOTS 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 GIVY OXY, ARTIF RESP/CPR IF NOT BREATHING. GET MED
AID.INGEST: NOTHING BY MOUTH IF UNCONSCIOUS.***

Handling and Disposal
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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
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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 MATL 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.

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Control Measures
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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)

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Physical/Chemical Properties
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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
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Reactivity Data
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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

DICHROMATE/PERMANGANATE/CHLORINE) STRONG ACIDS/CAUSTICS/HALLOGENS

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, REACTIVE HYDROCARBONS (ALDEHYDES/AROMATICS)

Hazardous Polymerization Indicator: NO
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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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

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Detail DOT Information
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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

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Detail IMO Information
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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
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Detail IATA Information

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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
Packaging Note Cargo: 310
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Detail AFI Information

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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
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HAZCOM Label

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Product ID: PAINT THINNER
Cage: 0YFV5
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
Hazard And Precautions: EYE: SEVERE IRRIT/REDNESS/TEARING/BLURRED
VISION/CONJUNCTIVITIS. SKIN: MODERATE
IRRIT/DEFATTING/REDNESS/ITCHING/INFLAM/DERMATITIS/POSSIBLE SECONDARY
INFECTION. SYMPTOMS MAY BE DELAYED. INHAL: NASAL/RESP TRACT IRRIT. CNS
EFFECTS (EXCITATION/ EUPHORIA). DIZZINESS/DROWSINEAA/BLURRED
VISION/FATIGUE/NAUSEA/HEADACHE/LOSS*
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