



## Material Safety Data Sheet

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### SECTION I - Material Identity

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Item Name	
Part Number/Trade Name	LACQUER THINNER
National Stock Number	8010PLAQUER
CAGE Code	<u>8W415</u>
Part Number Indicator	A
MSDS Number	15874
HAZ Code	D

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### SECTION II - Manufacturer's Information

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Manufacturer Name	STARTEX CHEMICAL INC. (KWAL HOWELL INC)
P.O. Box	687
City	CONROE
State	TX
Country	US
Zip Code	77305
Information Phone	936-539-6244

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### MSDS Preparer's Information

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Date MSDS Prepared/Revised	27SEP91
Active Indicator	Y

## Alternate Vendors

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### SECTION III - Physical/Chemical Characteristics

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Boiling Point	147F, 63C
Vapor Pressure	41.3
Vapor Density	>1
Specific Gravity	.817
Evaporation Rate	
Percent Volatiles by Volume	100
Container Type	R
Container Pressure Code	1
Temperature Code	4
Product State Code	L

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### SECTION IV - Fire and Explosion Hazard Data

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Flash Point Method	UNK
Lower Explosion Limit	1.1
Extinguishing Media	REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special Fire Fighting Procedures	WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES
Unusual Fire/Explosion Hazards	MATERIAL IS HIGHLY VOLITILE AND READILY GIVES OFF VAPORS WHICH MAY TRAVEL ALONG GROUND OR BE MOVED BY VENTILATION AND IGNITED BY IGNITION SOURCES AT DISTANCE

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### SECTION V - Reactivity Data

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Stability	YES
Materials to Avoid	STRONG OXIDIZING AGENTS
Hazardous Polymerization	NO

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### SECTION VI - Health Hazard Data

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Route of Entry: Skin	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	EYES:BLURRED VISION. SKIN: DEFATTING, DERMATITIS. INHALE: VAPORS CAN CAUSE NASAL AND RESP. IRRITAT. CENT. NERV. SYS. EFFECTS DIZZI, WEAK, FATIGUE, NAUSEA, HEADACHE, UNCON. OR DEATH. INGEST: GASTROINTESTINAL IRRITATE.

Symptoms of Overexposure	ASPIRATION INTO LUNGS CAN BE FATAL EYES: IRRITATE, RED, TEARING. SKIN: REPEATED OR PROLONGED CONTACT MODERATE IRRITATION. INHALE: EXCESSIVE INHALE OF VAPORS, NASAL AND RESP. IRRITATION. INGEST: NAUSEA, VOMIT, DIARRHEA
Emergency/First Aid Procedures	EYES: FLUSH WITH LARGE AMOUNTS OF WATER LIFTING LIDS. GET MED. ATT. SKIN: REMOVE

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## SECTION VII - Precautions for Safe Handling and Use

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Steps if Material Released/Spilled	REMOVE ALL IGNITION SOURCES. DIKE SPILL. PUMP LIQUID IF LARGE SPILL. ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBANT OR OTHER ABSORBANT MATERIAL AND SHOVEL INTO CONTAINERS. PREVENT RUN-OFF INTO SEWERS, STREAMS OR OTHER BODIES OF WATER
Waste Disposal Method	IN ACCORDANCE WITH LOCAL, STATE, AND FED. REGS
Handling and Storage Precautions	ALL 5 GAL. OR LARGER METAL CONTAINERS SHOULD BE GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED. NEVER WELD OR CUT ON OR NEAR DRUM EVEN EMPTY
Other Precautions	CONTAINER OF THIS PRODUCT MAY BE HAZARDOUS WHEN EMPTIED

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## SECTION VIII - Control Measures

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Respiratory Protection	NIOSH/MSHA AIR SUPPLIED RESP. IF EXPOSURE LIMITS ARE EXCEEDED
Ventilation	MAINTAIN EXPOSURE BELOW TLV
Protective Gloves	RESISTANT
Eye Protection	CHEMICAL SPLASH GOGGLES
Other Protective Equipment	WEAR IMPERVIOUS CLOTHING AND BOOTS
Work Hygenic Practices	LAUNDER CONTAMINATED CLOTHES BEFORE REUSE
Disposal Code	0

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## SECTION IX - Label Data

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Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	MODERATE
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

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**SECTION X - Transportation Data**

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Container Quantity	1
Unit of Measure	GL

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**SECTION XI - Site Specific/Reporting Information**

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Volatile Organic Compounds (P/G)	6.81
Volatile Organic Compounds (G/L)	816.1025

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**SECTION XII - Ingredients/Identity Information**

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Ingredient #	01
Ingredient Name	ALIPHATIC PETROLEUM DISTILLATES (20-25%)
CAS Number	64742898
Proprietary	NO
Percent	25
OSHA PEL	400 PPM
ACGIH TLV	100 PPM
Ingredient #	01
Ingredient Name	TOLUENE (40-45%)
CAS Number	108883
Proprietary	NO
Percent	45
OSHA PEL	100 PPM
ACGIH TLV	100 PPM
Ingredient #	02
Ingredient Name	METHYL ETHYL KETONE (18-23%)
CAS Number	78933
Proprietary	NO
Percent	23
OSHA PEL	200 PPM
ACGIH TLV	200 PPM
Ingredient #	03
Ingredient Name	METHYL ALCOHOL (<4%)
CAS Number	67561
Proprietary	NO
Percent	4
OSHA PEL	200 PPM-SKIN
ACGIH TLV	200 PPM-SKIN
Ingredient #	05
Ingredient Name	ETHYLENE GLYCOL MONOBUTYL ETHER (2-4%)
CAS Number	111762
Proprietary	NO
Percent	4

OSHA PEL  
ACGIH TLV

25 PPM-SKIN  
25 PPM-SKIN

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