

FUEL QUALITY SERVICES, INC. -- LTSA-15 -- 6850-01-167-4789

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

Product ID:LTSA-15  
MSDS Date:12/19/1990  
FSC:6850  
NIIN:01-167-4789  
MSDS Number: BWSHK  
=== Responsible Party ===  
Company Name:FUEL QUALITY SERVICES, INC.  
Address:1754 GREEN ROAD  
Box:317  
City:BUFORD  
State:GA  
ZIP:30518  
Country:US  
Info Phone Num:404-945-7139  
Emergency Phone Num:404-945-7139  
Preparer's Name:R.V  
.DAUM  
CAGE:40161  
=== Contractor Identification ===  
Company Name:FUEL QUALITY SERVICES, INC.  
Address:4584 CANTRELL ROAD  
Box:1380  
City:FLOWERY BRANCH  
State:GA  
ZIP:30542  
Country:US  
Phone:(800) 827-9790 - (770) 967-9790  
CAGE:40161

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

Ingred Name:ALIPHATIC PETROLEUM SOLVENT  
CAS:8008-20-6  
RTECS #:OA5500000  
Fraction by Wt: 50 - 58%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name

:TRADE SECRET COMPONENT/NJ TRADE SECRET

Fraction by Wt: 12.6-21%

Other REC Limits:NONE RECOMMENDED

Ingred Name:STYRENE MONOMER (SARA 313)

CAS:100-42-5

RTECS #:WL3675000

Fraction by Wt: 0.84%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:S,50PPM/100STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:N,N-DIMETHYLCYCLOHEXYLAMINE

CAS:98-94-2

RTECS #:GX1198000

Fraction by Wt: 10.5-14%

Other REC Limits:NONE RECOMMENDED

Ingred Name:N,N'DISALYCYLIDENE-1,2 PROPANE DIAMINE

CA

S:94-91-7

RTECS #:GP3130000

Fraction by Wt: 0.8-2.1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 0.2-.63%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA 313)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 0.084%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/125STEL;959

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EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingrid Name:3,5-XYLENOL/MIXED CRESOLS AND XYLENOLS

CAS:108-68-9

RTECS #:ZE6475000

Fraction by Wt: 200 MG/KG

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NONSPECIFIC DISCOMFORT, SUCH AS  
NAUSEA, HEADACHE, OR WEAKNESS; OR SKIN IRRITATION WITH DISCOMFORT  
OR RASH, ABNORMAL KIDNEY AND LIVER FUNCTIONS, TEMPORARY LUNG  
IRRITATION EFFECTS WITH COUGH, DIS  
COMFORT , DIFFICULTY BREATHING,  
OR SHORTNESS OFBREATH

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:SKIN BURNS OR ULCERATION. EVIDENCE SUGGESTS  
THAT KEROSENE CAN PERMEATE THE SKIN.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING  
DISEASES OF THE LIVER MAY HAVE INCREASED SUSCEPTIBILITY TO THE  
TOXICITY OF EXCESSIVE EXPOSURE,

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

First Aid:EYE: IMMEDIATELY FLU  
SH WITH PLENTY OF WATER FOR AT LEAST 15  
MINUTES. CALL A PHYSICIAN. SKIN: IMMEDIATE FLUSH WITH PLENTY OF  
WATER FOR 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. CALL A  
PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS  
DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. INGESTION: DO NOT INDUCE  
VOMITING. IMMEDIATELY GIVE TWO GLASSES OF WATER IF CONSCIOUS. CALL  
A PHYSICIAN.

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

Flash Point:109F,43C

Extingu

ishing Media:WATER SPRAY, CHEMICAL FOAM, DRY CHEMICAL, CARBON  
DIOXIDE

Fire Fighting Procedures:EVACUATE PERSONNEL TO A SAFE AREA. WEAR  
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID

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

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT  
BEFORE PROCEEDING WITH CLEAN-UP. SOAK UP WITH SAWDUST, SAND, OIL  
DRY OR OTHER ABSORBENT. THIS MATERIAL IS AN IGNITABLE, COR

ROSIVE,  
REACTIVE. A RELEASE OF 100 LBS MAY TRIGGER REPORTING OF  
CERCLASECT. 103.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP  
CONTAINER TIGHTLY CLOSED. STORE IN ACCORDANCE WITH NATIONAL FIRE  
PROTECTION ASSN. REGULATIONS.

Other Precautions:THIS PRODUCT CONTAINS TRACE QUANTITIES OF BENEZENE.  
DO NOT BREATHE VAPOR OR MIST. DO NOT GET IN  
EYES. DO NOT GET ON  
SKIN. DO NOT GET ON CLOTHING.

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

Respiratory Protection:WHERE THERE IS POTENTIAL FOR AIRBORNE EXPOSURES  
IN EXCESS OF APPLICABLE LIMITS, WEAR NIOSH/MSHA APPROVED  
RESPIRATORY PROTECTION.

Ventilation:USE ONLY WITH ADEQUATE VENTILATION.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:APRON, BOOTS, HOOD AND JACKET.

Work Hygienic Practices:WA  
SH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health  
DO NOT CONSUME FOOD, DRINK OR TOBACCO IN THE AREA WHERE THEY BECOME  
CONTAMINATED WITH THIS MATERIAL. KEEP CONTAINER TIGHTLY CLOSED.

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

HCC:F6

Boiling Pt:B.P. Text:351F,177C

Spec Gravity:0.90

Solubility in Water:IMMISCIBLE

Appearance and Odor:AMINES ODOR, LIQUID FORM, AMBER COLOR.

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===== Stability and Reactivity Data =====

Stability Indica

tor/Materials to Avoid: YES

NONE REASONABLY FORESEEABLE

Stability Condition to Avoid: NONE REASONABLY FORESEEABLE

Hazardous Decomposition Products: DECOMPOSITION WILL NOT OCCUR

===== Disposal Considerations =====

Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL  
MUST BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.  
THIS MATERIAL MAY BE A RCRA REGULATED HAZARDOUS WASTE UPON DISPOSAL  
DUE TO THE IGNITABILITY CHARACTERISTIC

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