

MATERIAL SAFETY DATA SHEET 2

TIGI Linea, LP  
2311 Midway Rd.  
Carrollton, TX 75006

Information #: (800) 259-8596  
Emergency #: Chem-rel (800) 255-3924

TIGI,SPOIL-ME, DEFRIZZER

Latest Revision Date...10/12/04

Print Date.....10/12/04

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER..... TIGLIOL  
TRADE NAME OR CHEMICAL NAME... TIGI,SPOIL-ME, DEPRIZZER  
SYNONYMS..... NA  
FORMULA..... TTLOL01  
CHEMICAL FAMILY..... NA  
MOLECULAR WEIGHT..... NA  
NPPA..... NA  
HMIS RATING..... HEALTH=1; FLAMMABILITY=4; REACTIVITY=0

SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

CHEMICAL NAME(S)	CAS NUMBER	% WT	TLV-TWA	PEL	SEC.313
DIMETHYL ETHER	115-10-6	35	1000 PPM	1000 PPM	No

Information for mixtures is based on constituent MSDS which are available upon request. (Minus Proprietary Trade Names).

SECTION 3 PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg... 173°F  
pH..... ND  
VAPOR PRESSURE mm Hg @20°C..... CAN PRESSURE NOT TO EXCEED 180 PSIG AT 131°F.  
VAPOR DENSITY (Air = 1)..... >1  
PERCENT VOLATILE BY WEIGHT (%)..... 35  
SPECIFIC GRAVITY OR BULK DENSITY... @ 25CF = 0.804 - 0.824  
SOLUBILITY IN WATER..... SOLUBLE  
EVAPORATION RATE (BuAc = 1)..... >1  
APPEARANCE..... CLEAR LIGHT STRAW LIQUID  
ODOR..... CHARACTERISTIC ODOR  
INTENSITY..... NA

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method)..... -30°F TCC (PROPELLANT ONLY); CONCENTRATE 36°F (EPA METHOD 1010)  
AUTOIGNITION TEMPERATURE..... NA  
FLAMMABILITY LIMITS IN AIR (% V)... LEL=1.8%; UEL=9.5%  
EXTINGUISHING MEDIA..... CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER  
SPECIAL FIRE FIGHTING PROCEDURES... KEEP TEMPERATURE OF CONTAINERS BELOW 120°F BY SPRAYING WITH WATER UNTIL THE FIRE HAS BEEN EXTINGUISHED.  
UNUSUAL FIRE & EXPLOSION HAZARDS... CONTAINERS MAY RUPTURE AND RELEASE FLAMMABLE LIQUIDS AND/OR GASSES IF EXPOSED TO HEAT OF FIRE.

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**SECTION 5                    HEALTH HAZARD DATA \* EFFECTS OF OVEREXPOSURE**  
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SKIN CONTACT.....None known.  
EYE CONTACT.....Direct contact of product with eyes may cause irritation, and may result in irreversable damage.  
INHALATION.....None known.  
INGESTION.....If ingested may cause nausea and vomiting. If in aerosol form ingestion not likely  
CHRONIC EFFECTS  
OF OVEREXPOSURE....None known.  
TOXICOLOGICAL  
TEST DATA.....No results available.

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**SECTION 6                    EMERGENCY AND FIRST AID PROCEDURES**  
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SKIN.....Wash excess material from skin with soap and water.  
EYES.....Flush eyes with generous amounts of water for at least 15 minutes. Consult a physician if irritation occurs or worsens.  
INGESTION...Product is not likely to be ingested. If this occurs, treat symptomatically. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.  
INHALATION...Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

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**SECTION 7                    REACTIVITY DATA**  
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PRODUCT STABILITY..... STABLE  
Conditions to Avoid..... KEEP AWAY FROM ACIDS, ALKALIES AND STRONG OXIDIZERS.  
CHEMICAL INCOMPATIBILITY..... ACIDS, STRONG ALKAALIBS AND OXIDIZERS  
HAZARDOUS DECOMPOSITION PRODUCTS... NONE  
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.  
Conditions to Avoid..... NONE KNOWN.  
CORROSIVE TO METAL..... NO  
OXIDIZER..... NA

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**SECTION 8                    SPECIAL PROTECTION INFORMATION**  
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RESPIRATORY PROTECTION.....None required.  
VENTILATION.....Normal ventilation.  
PROTECTIVE CLOTHING.....Not necessary except as good industrial practice.  
EYE PROTECTION.....Not necessary except as good industrial practice.  
OTHER PRECAUTIONS.....Avoid excessive inhalation. Read and follow all label directions and cautions. Use only as directed.

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**SECTION 9                    ENVIRONMENTAL DATA**  
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ENVIRONMENTAL TOXICITY DATA.... NA  
SPILL OR LEAK PROCEDURES..... LEAKING CANS SHOULD BE PLACED IN OPEN CONTAINERS, OUTDOORS, AWAY FROM ANY SOURCE OF IGNITION, UNTIL ALL PRESSURE HAS BEEN RELEASED.  
HAZARDOUS SUBSTANCE SUPERFUND... NA  
WASTE DISPOSAL METHOD..... BURY OR INCINERATE IN APPROVED DISPOSAL FACILITIES AND IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.  
HAZARDOUS WASTE 40CFR261..... D001  
CONTAINER DISPOSAL..... EMPTY CONTAINERS MAY BE DISPOSED OF AS NORMAL REFUSE. THIS CONTAINER MAY BE RECYCLED IN THE FEW BUT GROWING NUMBER OF COMMUNITIES WHERE STEEL AEROSOL CAN RECYCLING IS AVAILABLE. BEFORE OFFERING FOR RECYCLING, EMPTY THE CAN BY USING THE PRODUCT ACCORDING TO THE LABEL. (DO NOT PUNCTURE CAN)

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SECTION 10

SHIPPING DATA - HIGHWAY

D.O.T. PROPER SHIPPING NAME..... CONSUMER COMMODITY  
HAZARDOUS SUBSTANCE 49CFR CERCLA... NA  
D.O.T. HAZARD CLASS..... ORM-D  
D.O.T. LABELS REQUIRED..... NONE  
D.O.T. PLACARDS REQUIRED..... NONE  
POISON CONSTITUENT..... NONE  
BILL OF LADING DESCRIPTION..... CONSUMER COMMODITY ORM-D  
EMERGENCY RESPONSE GUIDE NUMBER.... NAERG #171  
EMERGENCY TELEPHONE NUMBER..... CHEM-TEL 1-813-979-0626; US & CANADA ONLY 1-800-255-3924; INTERNATIONAL 00-1-813979-0626  
UN/NA CODE..... NONE

SECTION 11

SHIPPING DATA - IATA (AIR)

IATA PROPER SHIPPING NAME..... DOMESTIC: CONSUMER COMMODITY; EXPORT: AEROSOLS, FLAMMABLE, H.O.S., UN1950  
IATA HAZARD CLASS..... NONE  
IATA LABELS REQUIRED - PRIMARY.... DOMESTIC: CONSUMER COMMODITY ORM-D-AIR; EXPORT: FLAMMABLE GAS  
IATA LABELS REQUIRED - SECONDARY... NA  
BILL OF LADING DESCRIPTION..... DOMESTIC: CONSUMER COMMODITY ORM-D-AIR, 9, ID8000; EXPORT: AEROSOLS, FLAMMABLE,  
N.O.S., 2.1, UN1950  
UN/NA CODE..... DOMESTIC: NONE; EXPORT: UN1950  
PACKING INSTRUCTION..... DOMESTIC: 910; EXPORT: 203/Y203 AUTHORIZATION: LTD.QTY.  
EMERGENCY RESPONSE GUIDE NUMBER.... 126  
EMERGENCY RESPONSE TELEPHONE NO.... CHEM-TEL 1-813-979-0626; US & CANADA ONLY 1-800-255-3924; INTERNATIONAL 00-1-813979-0626

SECTION 12

SHIPPING DATA - IMDG (WATER)

IMDG PROPER SHIPPING NAME..... AEROSOLS  
IMDG HAZARD CLASS..... 2.1  
IMDG LABELS REQUIRED - PRIMARY.... CARTON MUST BE MARKED "AEROSOLS"  
IMDG LABELS REQUIRED - SECONDARY... HOLLOW DIAMOND SYMBOL WITH UN 1950 MARKED AT ITS CENTER.  
IMDG PLACARDS REQUIRED..... NONE  
BILL OF LADING DESCRIPTION..... AEROSOL, 2, UN1950  
MARINE POLLUTANT..... NO  
EMERGENCY RESPONSE GUIDE NUMBER.... 126  
EMS NUMBER..... 2-13  
MPAG NUMBER..... 620  
EMERGENCY TELEPHONE NUMBER..... CHEM-TEL: INTERNATIONAL CALL 00-1-813979-0626; DOMESTIC 1-813-979-0626; US & CANADA  
ONLY 1-800-255-3924  
IMDG PAGE NUMBER..... 2102  
UN CODE..... UN1950

SECTION 13

ADDITIONAL INFORMATION

This Material Safety Data Sheet (MSDS) Has been prepared in compliance with OSHA Hazard Communication Standard 29CFR 1910,1200  
The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued.  
We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his particular use.

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SECTION 13

ADDITIONAL INFORMATION

CONT'D

PREPARED BY: B. MacGREGOR TECHNICAL DIRECTOR  
NA (N/A): NOT AVAILABLE

ABBREVIATIONS:

UNK: UNKNOWN

NE (N/E): NOT ESTABLISHED

ND (N/D): NOT DETERMINED