

MATERIAL SAFETY DATA SHEET 2

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

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

TIGI, ROOT BOOST (6V)

Latest Revision Date...10/13/04

Print Date.....10/13/04

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER..... TIGLI1H
TRADE NAME OR CHEMICAL NAME... TIGI, ROOT BOOST (6V)
SYNONYMS..... NA
FORMULA..... TTL1B01
CHEMICAL FAMILY..... NA
MOLECULAR WEIGHT..... NA
NPPA..... NA
HMIS RATING..... HEALTH=1; FLAMMABILITY=2; REACTIVITY=0

SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

<u>CHEMICAL NAME(S)</u>	<u>CAS NUMBER</u>	<u>% WT</u>	<u>TLV-TWA</u>	<u>PEL</u>	<u>SEC.313</u>
DIMETHYL ETHER	115-10-6	6	1000 PPM	1000 PPM	No
ETHANE,1,1-DIFLUORO-	75-37-6	12	1000 ppm	UNKNOWN	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... ND
pH..... @25°C = 6.4 -6.8
VAPOR PRESSURE mm Hg @20°C..... CAN PRESSURE NOT TO EXCEED 139 PSIG @ 131°F.
VAPOR DENSITY (Air = 1)..... >1
PERCENT VOLATILE BY WEIGHT (%),..... NA
SPECIFIC GRAVITY OR BULK DENSITY... @25°C = 1.000 - 1.020
SOLUBILITY IN WATER..... SOLUBLE
EVAPORATION RATE (BuAc = 1)..... <1
APPEARANCE..... WHITE TRANSLUCENT HOMOGENOUS LIQUID
ODOR..... CHARACTERISTIC
INTENSITY..... NA

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method)..... -30°F TCC (PROPELLANT ONLY)
AUTOIGNITION TEMPERATURE..... NA
FLAMMABILITY LIMITS IN AIR (% V)... LEL=3.3%; UEL=19.0%
EXTINGUISHING MEDIA..... WATER, DRY CHEMICAL, CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES... KEEP TEMPERATURE OF CONTAINERS BELOW 120°F BY SPRAYING WITH WATER UNTIL FIRE HAS BEEN EXTINGUISHED.
UNUSUAL FIRE & EXPLOSION HAZARDS... CONTAINERS MAY RUPTURE AND RELEASE FLAMMABLE LIQUIDS AND/OR GASSES IF EXPOSED TO HEAT OF FIRE.

TIGI, ROOT BOOST (6V)

SECTION 5 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE

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.

SECTION 6 EMERGENCY AND FIRST AID PROCEDURES

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.

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY..... STABLE
Conditions to Avoid..... DO NOT STORE CONTAINERS IN DIRECT SUNLIGHT OR WHERE CONDITIONS WILL HEAT THEM ABOVE 120 F.
CHEMICAL INCOMPATIBILITY..... DO NOT MIX WITH STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS... NORMAL PRODUCTS OF COMBUSTION.
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.
Conditions to Avoid..... UNKNOWN
CORROSIVE TO METAL..... NA
OXIDIZER..... NA

SECTION 8 SPECIAL PROTECTION INFORMATION

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.

SECTION 9 ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA..... NA
SPILL OR LEAK PROCEDURES..... LEAKING CANS SHOULD BE PLACED IN AN OPEN CONTAINER, 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..... NA
CONTAINER DISPOSAL..... EMPTY CONTAINERS MAY BE DISPOSED OF AS NORMAL REFUSE. RECYCLE WHENEVER POSSIBLE.

SECTION 10 SHIPPING DATA - HIGHWAY

D.O.T. PROPER SHIPPING NAME..... CONSUMER COMMODITY

TIGI, ROOT BOOST (6V)

SECTION 10

SHIPPING DATA - HIGHWAY

CONT'D

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,N.O.S.,UN1950
IATA HAZARD CLASS..... NONE
IATA LABELS REQUIRED - PRIMARY..... DOMESTIC: FOR UPS CONSUMER COMMODITY ORM-D-AIR, ALL OTHERS: MISCELLANEOUS 9; 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: ID8000; 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
MFAG 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 Safty Data Sheet (MSDS) Has bee 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.

TIGI, ROOT BOOST (6V)

SECTION 13

ADDITIONAL INFORMATION

CONT'D

PREPARED BY:
NA (N/A): NOT AVAILABLE

ABBREVIATIONS:

UNK: UNKNOWN

NE (N/E): NOT ESTABLISHED

ND (N/D): NOT DETERMINED