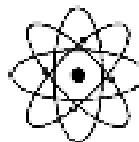


MATERIAL SAFETY DATA SHEET

Date completed: Aug 14th, 2014



Western Ultrasonics Inc.
"The Sound Solution"

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EMERGENCY TELEPHONE NO. : Phone CANUTEC: (613) 996-6666

PRODUCT NAME: G1 STRIPPER **CODE: G1S**
WHMIS CLASSIFICATION: B3., D2B.
TDG CLASSIFICATION: Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO. (LD ₅₀ & LC ₅₀)	TOXICITY DATA
D-Limonene	10-30	5989-27-5	LD ₅₀ Oral (rat) 4400 mg/kg
1-Methyl-2-Pyrrolidinone	45-65	872-50-4	LD50 (ORAL-RAT)(MG/KG) - 4990 LD50 (IPR-RAT)(MG/KG) - 2472 LD50 (IV-RAT) (MG/KG) - 2266 LD50 (ORAL-MOUSE)(MG/KG) - 7725 LC-50 - No Data
Ethylene Glycol Monobutyl Ether	10-30	111-76-2	470 MG/KG (ORL-RAT) 450 PPM/4 HR (RAT) 25 PPM SKIN 220 MG/KG (DRM-RBT)
Dipropylene Glycol Methyl Ether	10-30	34590-94-8	5380 MG/KG (ORL-RAT) 9510 MG/KG (RABBIT). LC50 of 5200 MG/KG (RAT)
Trisodium Phosphate Solution	10-15	10101-89-0	No DATA

PHYSICAL DATA FOR PRODUCT

Physical State: Liquid Sp.Gravity: 0.938g/l pH: 12.4 at 1% in water.
Boiling Point: Not Avail. Vapor Pressure: Not Avail.
Vapor Density: Not Avail. Evaporation Rate: Not Avail.
Freezing Point: Not Avail.
Solubility in Water: Complete (in all proportions)
Coefficient of Water/oil Dist.....Not available Odor Threshold: Not available
Appearance & Odor: Light amber colored liquid with citrus odor.

FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point and Test Method: 68°C (TCC)
Flammable Limits in Air, % by vol. Lower: Not Avail. Upper: Not Avail.
Fire Extinguishing Substances: (X) Water Fog (X) Foam (X) CO₂ (X) Dry Chem () Other:
Flammability Classification: Combustible liquid

Fire and Explosion Data for Product contd.....

Hazardous Combustion Products: (toxic gases produced) Nitrogen Oxides, Carbon Monoxide, Carbon Dioxide.

Special Firefighting Procedures: as for combustible liquid.

Explosion Data: No Data

Sensitivity to Static Discharge: No Data

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material () Acid () Base () Other:

Hazardous Decomposition Products: Combustion will cause carbon dioxide, carbon monoxide and Nitrogen Oxides .

Chemical Stability: Normally stable to light, heat, air acids and bases.

Conditions Of Reactivity: No Data

HEALTH HAZARD INFORMATION FOR PRODUCT

Routes of entry: Eye contact, skin contact, inhalation, ingestion

Inhalation: Inhalation of vapors may cause coughing, nausea, dizziness, drunkenness, vomiting, lightheadedness or headache and blurred vision.

Ingestion: Initial symptoms may resemble "alcohol" intoxication (loss of judgement slurred speech). May be accompanied by shortness of breath, sever upper abdominal pain, blindness, death.

Eyes: Vapor can irritate eyes. Liquid can cause severe irritation, reddening, swelling and corneal burns. May cause persistent eye irritation and possible eye damage. Massive exposure can cause unconsciousness, blindness and death.

Skin: May cause irritation, drying, defatting and dermatitis if prolonged contact occurs.

Skin absorption: May be absorbed through the skin in toxic amounts.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

SEE also routes of entry

Skin: Dermatitis, redness of the skin, scaling.

Eyes: Chronic exposure to high levels can lead to impaired vision.

Inhalation Massive exposure can cause unconsciousness, blindness and death.

Other: May damage kidneys, heart and other organs.

PREVENTIVE MEASURES

Personal Protective Equipment

Gloves/ Type Butyl Rubber or Nitrile gloves.

Respiratory/type Not req. under normal use. Avoid prolonged exposure to high concentrations by not heating the material to above 65°C nor using without adequate ventilation.

Eye/type Mono goggles chemical rated splash protection or face mask.

Footwear/type Boots.

Clothing/type Chemical Apron, gloves, coveralls, boots as needed to prevent skin exposure..

...PREVENTIVE MEASURES contd....

Other/type Eye bath and safety shower.

Engineering Controls This product should be confined within covered equipment, in which case general (Mechanical) room ventilation is expected.

Ventilation Requirements (Local or General): General.

Respiratory Protection Not necessary in normal use.

Eye Protection Safety glasses with side shield.

Other Protection Rubber gloves should be worn.

Shipping/handling TDGR: Not Regulated, WHMIS: Class B3 - Combustible liquid, 2B - Toxic Material.

Steps to be taken upon release or spillage (including neutralizing):
 For larger spills, contain and pick-up. For small spills, wash area with warm water. Do not touch spilled material use absorbent material to pick up.

Waste disposal method:
 Incinerate according to local, provincial and federal regulations. Heating value should be recovered.

Handling and Storage Requirements: Avoid contact with eyes, skin, clothing and equipment. Wear protective equipment during handling. Keep away from heat, sparks, and open flame. Empty containers can contain vapors. follow labeled warnings even after container is emptied. Use adequate ventilation. Wash skin thoroughly with soap and water after handling. Store in closed container away from incompatible material. Cover when not in use.

EMERGENCY and FIRST AID PROCEDURES

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Remove to fresh air.

Ingestion If swallowed, if conscious, give large amounts of water 300mls+. Obtain medical attention immediately. Do not induce vomiting. If unconscious or convulsing give nothing by mouth.

Eyes Immediately flush with warm gently flowing water for 15 minutes holding eyelids open. If irritation persists get medical attention.

Skin As quickly as possible wash off with warm water for a minimum of 15 minutes. Under running water remove contaminated clothing. Wash clothing before re-use..

FIRST AID comments . . Provide general supportive measures (comfort, warmth, rest). Consult a doctor for all exposures except minor instances of inhalation or skin contact.

PREPARATION INFORMATION

Prepared by: Paul Gagnon, Western Ultrasonics Inc. (780)462-5858 Mon.-Fri. 8:30-4:30 MST
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