

MATERIAL SAFETY DATA SHEET



Date Issued: 01/30/2009

MSDS No: 6088

DL-300

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DL-300**PRODUCT CODE:** 6088, 6089**ALTERNATE TRADE NAME(S):** DL 300**MANUFACTURER**

Tarr Acquisition, LLC

4115 W. Turney Ave.

Phoenix, AZ 85019

Service Number: 602-233-2000**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (US Transportation) :**(800) 424 - 9300**CANUTEC (Canadian Transportation) :**(613) 996 - 6666

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: This product may be severely irritating to the eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

SKIN: Prolonged and/or repeated skin contact may result in mild irritation or redness.

INGESTION: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Product is harmful if swallowed.

INHALATION: May cause irritation to the respiratory system. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.

MEDICAL CONDITIONS AGGRAVATED: Skin contact may aggravate an existing dermatitis. Overexposure to vapor, dust or mist may aggravate existing respiratory conditions, such as asthma, bronchitis, and inflammatory or fibrotic respiratory disease. Repeated overexposure may aggravate existing liver or kidney disease.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt. % | CAS | EINECS |
|--|---------|----------|-----------|
| 1,2-Propanediol | 40 - 60 | 57-55-6 | 200-338-0 |
| 1-Methyl-2-pyrrolidinone | 40 - 60 | 872-50-4 | - - |
| Methanaminium, N,N,N-trimethyl-, hydroxide | 1 - 5 | 75-59-2 | |

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention, if irritation occurs or persists.

SKIN: Flush skin with water while removing contaminated clothing. If irritation occurs, get medical attention. Do not reuse clothing or shoes until cleaned.

INGESTION: DO NOT INDUCE VOMITING. If the material is swallowed, get immediate medical attention or advice. Do not induce vomiting unless directed to do so by medical personnel.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, oxygen should be administered by qualified personnel. Seek medical attention.

NOTES TO PHYSICIAN: This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: to 3

EXTINGUISHING MEDIA: Use foam, CO₂ (carbon dioxide), dry chemical or water fog.

FIRE FIGHTING EQUIPMENT: Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and other hydrocarbon fragments.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Eliminate sources of ignition. Absorb spill with inert material. Shovel material into appropriate container for disposal.

7. HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated skin contact with this material. Wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Explosion-proof exhaust ventilation should be used if material is heated near or above its flash point.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use safety glasses; chemical goggles (if splashing is possible).

SKIN: Wear chemical resistant gloves such as: Neoprene, butyl or nitrile or consult your safety equipment supplier. Use of impervious apron and boots are recommended where splashing of the chemical is likely.

RESPIRATORY: If exposure may or does exceed occupational exposure limits (Sec. 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

9. PHYSICAL AND CHEMICAL PROPERTIES

| Chemical Name | Flash Point (°C) | Boiling Point (°C) | Freezing Point (°C) | Specific Gravity |
|--------------------------|------------------|--------------------|---------------------|------------------|
| 1,2-Propanediol | 210 | 188.2 | -59 | 1.036 |
| 1-Methyl-2-pyrrolidinone | 204 | 202 | | 1.026 |

PHYSICAL STATE: Liquid

pH: Not Applicable

VAPOR PRESSURE: 0.29 hPa

Notes: estimated

BOILING POINT: 194°C (381.2°F) Estimated

SOLUBILITY IN WATER: Miscible

DENSITY: 1.0318

Notes: g/cm³ Estimated

SPECIFIC GRAVITY: 1.032

Notes: Estimated

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: May form carbon dioxide, carbon monoxide, various hydrocarbons.

INCOMPATIBLE MATERIALS: Strong oxidizing agents (peroxides, chlorine, strong acids).

11. TOXICOLOGICAL INFORMATION

ACUTE

| Chemical Name | ORAL LD ₅₀ (rat) | DERMAL LD ₅₀ (rabbit) | INHALATION LC ₅₀ (rat) |
|--------------------------|------------------------------|----------------------------------|-----------------------------------|
| 1,2-Propanediol | 23900 to 31800 mg/kg (mouse) | | |
| 1-Methyl-2-pyrrolidinone | 3914 mg/kg | 2200 to 4000 | > 5100 |

DERMAL LD₅₀: 17778 mg/kg (rabbit)

Notes: Results are for Dynastrip DL300 (mixture).

ORAL LD₅₀: Acute Oral LD50 for Dynastrip DL300 (mixture):

34545 mg/kg (dog) estimated

11141 mg/kg (mouse) estimated

32727 mg/kg (rabbit) estimated

7835 mg/kg (rat) estimated

NOTES: Acute Other LD50 for Dynastrip DL300 (mixture):

2261 mg/kg (mouse) estimated

2607 mg/kg (rat) estimated

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE): Ecological Data

Product:

Dynastrip DL300(mixture) EC50 Daphnia: 18182 mg/l (48 hours estimated)

LC50 Fish: 69496 mg/l (96 hours estimated)

Components:

1,2-Propanediol (57-55-6) EC50 Water flea (Daphnia magna): greater than or equal to 10000 mg/l (48 hours)

LC50 Fathead minnow (pimephales promelas): 710 mg/l (96 hours)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste material according to local, State, Federal, and Provincial Environmental Regulations. No components are identified as a RCRA hazardous waste. Waste should be tested using appropriate TCLP analysis to determine applicable waste numbers.

EMPTY CONTAINER: KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous.

RCRA/EPA WASTE INFORMATION: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, Basic, Organic, N.O.S.

TECHNICAL NAME: (1,2-propanediol, 2-pyrrolidinone, 1-methyl-)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3267

PACKING GROUP: III

NAERG: 153

LABEL: Corrosive liquid

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: This product should be reported as an immediate (acute) health hazard.

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes
CHRONIC: No

EPCRA SECTION 313 SUPPLIER NOTIFICATION

| Chemical Name | Wt. % | CAS |
|--------------------------|---------|----------|
| 1-Methyl-2-pyrrolidinone | 40 - 60 | 872-50-4 |

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: To the best of our knowledge, none of the chemicals in this product are listed as an extremely hazardous substance under Section 302 of SARA Title III nor does this product contain any other such substances.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

| Chemical Name | CAS |
|--|----------|
| 1,2-Propanediol | 57-55-6 |
| 1-Methyl-2-pyrrolidinone | 872-50-4 |
| Methanaminium, N,N,N-trimethyl-, hydroxide | 75-59-2 |

CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity: 2-Pyrrolidinone, 1-Methyl- (872-50-4).

US - California Proposition 65 - CRT: Listed date/Developmental toxin
 2-Pyrrolidinone, 1-Methyl- (872-50-4) Listed: June 15, 2001 Developmental toxin.

GENERAL COMMENTS: The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

16. OTHER INFORMATION

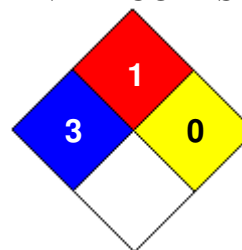
PREPARED BY: COMPLIANCE DEPT.

REVISION SUMMARY: New MSDS

HMIS RATING

| | |
|-----------------------------|----------|
| HEALTH: | 3 |
| FLAMMABILITY: | 1 |
| PHYSICAL HAZARD: | 0 |
| PERSONAL PROTECTION: | X |

NFPA CODES



HMIS RATINGS NOTES: The HMIS rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in the MSDS must be considered. Personal protection rating to be supplied by user depending on use conditions.

MANUFACTURER DISCLAIMER: The information contained herein is based on the data available to us and is believed to be accurate. However, Tarr Acquisition, LLC (Tarr, LLC) makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Tarr, LLC assumes no responsibility for injuries from the use of the product described herein.