

# MATERIAL SAFETY DATA SHEET



Date Issued: 06/09/2009

MSDS No: 1500-72DSP

## Eco-Shower Wipes

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Eco-Shower Wipes  
**PRODUCT DESCRIPTION:** Degreaser Wipes  
**PRODUCT CODE:** 1500-72DSP

#### MANUFACTURER

Techspray, L.P.  
1001 N.W. 1st Street  
P.O. Box 949  
Amarillo TX 79107

**Emergency Contact:** Chemtrec  
**Product Stewardship:** 1-800-858-4043  
**Service Number:** 1-800-858-4043

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (US Transportation) :**(800) 424 - 9300  
**CANUTEC (Canadian Transportation) :**(613) 996 - 6666  
**Emergency Phone :**(800) 858 - 4043

### 2. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"Xn" - Harmful  
R22 - Harmful if swallowed.

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Harmful if swallowed. Aspiration hazard.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Causes eye irritation.

**SKIN:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Absorption through intact skin is possible.

**INGESTION:** Harmful if swallowed.

**INHALATION:** No hazard in normal industrial use.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Symptoms of overexposure include: stinging, tearing, redness and pain.

**SKIN:** Prolonged or exposure may cause skin irritation.

**INGESTION:** For large amounts; abdominal pain, nausea and vomiting.

**INHALATION:** Inhalation may cause respiratory tract irritation.

**CARCINOGENICITY:** NOT listed

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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| Chemical Name   | Wt.%   | CAS        | EINECS     |
|---|--------|------------|------------|
| Alcohols,C10-14, ethoxylated                                      | 5 - 15 | 66455-15-0 | xxx-xxx-x* |
| d-Limonene  | 1 - 5  | 5989-27-5  |            |
| Alkyl C16-C18 Methyl Esters                                       | 1 - 5  | 67784-80-9 |            |
| Includes other hazardous components in non-reportable quantities. | < 3    |            |            |

### 4. FIRST AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Aspiration hazard. If swallowed, vomiting may occur spontaneously, but do not induce. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Call a physician immediately.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** None to boiling point --- TAG CC

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes and oxides of carbon.

**FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** SPILLED MATERIAL IS EXTREMELY SLIPPERY. Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on adsorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces have been removed thoroughly mop and wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth, gravel, etc. as necessary and place in closed containers for disposal.

### 7. HANDLING AND STORAGE

**HANDLING:** Contents may develop pressure upon prolonged storage. Loosen closure cautiously before opening. Use only in a well ventilated area.

**STORAGE:** Do not store near combustible materials.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) |     |                 |                   |           |                   |              |                   |
|---|-----|-----------------|-------------------|-----------|-------------------|--------------|-------------------|
|   |     | EXPOSURE LIMITS |                   |           |                   |              |                   |
|   |     | OSHA PEL        |                   | ACGIH TLV |                   | Supplier OEL |                   |
| Chemical Name                               |     | ppm             | mg/m <sup>3</sup> | ppm       | mg/m <sup>3</sup> | ppm          | mg/m <sup>3</sup> |
| d-Limonene                                  | TWA | [1]             | [1]               | [1]       | [1]               | [1]          | [1]               |
| <b>OSHA TABLE COMMENTS:</b>                 |     |                 |                   |           |                   |              |                   |
| 1. NL = Not Listed                          |     |                 |                   |           |                   |              |                   |

**ENGINEERING CONTROLS:** Mechanical ventilation recommended.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** Oil-resistant gloves

**OTHER USE PRECAUTIONS:** Emergency shower and eyewash facility should be in close proximity.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| Chemical Name | Flash Point (°C) | Boiling Point (°C) | Solubility in Water | Specific Gravity |
|---------------|------------------|--------------------|---------------------|------------------|
| d-Limonene    | 115              | 154.4              | INSOLUBLE           | 0.841            |

**PHYSICAL STATE:** Saturated wipe

**ODOR:** Characteristic citrus odor.

**APPEARANCE:** Wipes containing clear liquid

**COLOR:** Straw-colored.

**pH:** 7 to 8

**PERCENT VOLATILE:** 99+

**Notes:** This material contains a slow evaporating soy-based solvent. After complete evaporation, < 1% residue remains.

**VAPOR PRESSURE:** 0.014 mmHg@20C (VOC Composite Vapor Pressure)

**BOILING POINT:** 95°C (203°F)

**FREEZING POINT:** Not Determined

**FLASHPOINT AND METHOD:** None to boiling point --- TAG CC

**SOLUBILITY IN WATER:** Dispersible

**DENSITY:** ~ 1.00 at 25°C

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**(VOC):** 3.240 % by weight (EPA)

**Notes:** 32.4 g/l

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon (CO and CO<sub>2</sub>) may form when heated to decomposition.

**INCOMPATIBLE MATERIALS:** Strong acids and alkalis, reactive metals and strong oxidizing agents.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

| Chemical Name | ORAL LD <sub>50</sub><br>(rat) | DERMAL<br>LD <sub>50</sub><br>(rabbit) |
|---------------|--------------------------------|--|
| d-Limonene    | > 5 g/kg                       | > 5 g/kg                               |

**EYES:** Moderately to severely irritating

**SKIN ABSORPTION:** Glycol ingredients may be absorbed through skin.

**ORAL LD<sub>50</sub>:** HARMFUL IF SWALLOWED.

**EYE EFFECTS:** Mixture is a moderate eye irritant.

**SKIN EFFECTS:** Prolonged exposure may cause irritation and defatting of skin. Those allergic to citrus and soy oils should avoid use.

#### CARCINOGENICITY

| Chemical Name | NTP<br>Status | IARC<br>Status | OSHA<br>Status |
|---------------|---------------|----------------|----------------|
| d-Limonene    | NOT<br>LISTED | NOT<br>LISTED  | NOT<br>LISTED  |

**IARC:** NOT listed

**NTP:** NOT listed

**OSHA:** NOT listed

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment.

### 13. DISPOSAL CONSIDERATIONS

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**DISPOSAL METHOD:** Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated

**PRIMARY HAZARD CLASS/DIVISION:** No classification

**PACKING GROUP:** NA

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Not regulated

**UN/NA NUMBER:** NA

**PRIMARY HAZARD CLASS/DIVISION:** None

**PACKING GROUP:** NA

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not regulated

**UN/NA NUMBER:** NA

**PRIMARY HAZARD CLASS/DIVISION:** None

**PACKING GROUP:** NA

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** IMMEDIATE / DELAYED

**REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** None of the ingredients are CERCLA/Superfund hazardous chemicals.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

| Chemical Name                | CAS        |
|------------------------------|------------|
| Alcohols,C10-14, ethoxylated | 66455-15-0 |
| d-Limonene                   | 5989-27-5  |

#### CLEAN AIR ACT

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** None Expected.

#### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

**29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** None of the chemicals in this product are considered highly hazardous by OSHA.

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**CALIFORNIA PROPOSITION 65:** This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**CLEAN WATER ACT:** None Expected.

### CANADA

**WHMIS CLASS:** Class D2B - Toxic Materials

### EUROPEAN COMMUNITY

#### EEC LABEL SYMBOL AND CLASSIFICATION



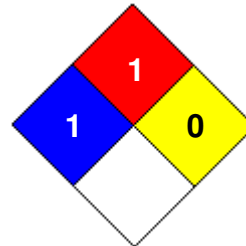
"Xn" - Harmful  
R22 - Harmful if swallowed.

## 16. OTHER INFORMATION

**APPROVED BY:** Pierce A. Pillon     **TITLE:** Chemist

**REVISION SUMMARY:** New MSDS

#### NFPA CODES



**COMMENTS:** THIS MATERIAL IS A LABORATORY SAMPLE FOR FURTHER EVALUATION ONLY. THERE IS EXTREMELY LIMITED INFORMATION AVAILABLE AT THIS TIME FOR THIS FORMULATION.

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