*** Section 1 - Chemical Product and Company Identification ***

Chemical Name: Unity 4678E

Company Identification: Promerus LLC
9921 Brecksville Road
Brecksville, OH 44141-3289
United States of America

Phone Number: 330-328-8186
Emergency Phone Number: 24 HR CHEMTREC U.S. 800-424-9300
24 HR CHEMTREC Int'l 703-527-3887

*** Section 2 - Composition / Information on Ingredients ***

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>110-43-0</td>
<td>2-Heptanone</td>
<td>50-90</td>
</tr>
<tr>
<td>Proprietary</td>
<td>Cyclic olefin Polymer</td>
<td>10-50</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>Proprietary Additive</td>
<td>1-6</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>0.1-1</td>
</tr>
</tbody>
</table>

Component Information/Information on Non-Hazardous Components
This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

THIS MATERIAL IS SOLELY FOR RESEARCH AND DEVELOPMENT USE. This product contains components that are not known to be on the TSCA Inventory. This product cannot be distributed by itself or as part of another product in commerce. Its use is to be by or under the supervision of a technically qualified person. The physical, chemical and toxicological properties of this substance have not been fully determined.

*** Section 3 - Hazards Identification ***

Emergency Overview
Combustible liquid. This product is irritating to the eyes and skin. This product may cause irritation to the respiratory system. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination. May be harmful if absorbed through the skin. May be harmful if swallowed. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury. Exposure to toluene may cause teratogenic effects.

Target Organs
Eyes, Skin, Central Nervous System, Nerves, Liver, Kidney.

Potential Health Effects: Eyes
This product is irritating to the eyes. Symptoms may include reddening, itching and inflammation.

Potential Health Effects: Skin
This product is irritating to the skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin. This product may be absorbed through the skin and cause harm.

Potential Health Effects: Ingestion
Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.
Material Safety Data Sheet

Material Name: Unity 4678E/US

Potential Health Effects: Inhalation
Breathing of the mists, vapors or fumes may irritate the nose, throat and lungs. Repeated or prolonged exposures may cause bronchitis and laryngitis. May cause central nervous system depression or effects. Symptoms may include headache, excitation, euphoria, dizziness, incoordination, drowsiness, light-headedness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death, depending on the concentration and duration of exposure.

Medical Conditions Aggravated by Exposure
Chronic respiratory or skin conditions may temporarily worsen from exposure to this product. Liver and nervous system disorders may be aggravated by exposure to this product.

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe  * = Chronic hazard

*** Section 4 - First Aid Measures ***

First Aid: Eyes
Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

First Aid: Skin
For skin contact, wash immediately with soap and water. If irritation persists, get medical attention. Wash contaminated clothing before reuse. Contaminated leather articles, including shoes, that cannot be decontaminated should be discarded.

First Aid: Ingestion
If the material is swallowed, get immediate medical attention or advice. Do not induce vomiting. Prevent aspiration of material into lungs.

First Aid: Inhalation
If inhaled, immediately remove the affected person to fresh air. If the affected person is not breathing, apply artificial respiration. If symptoms persist, get medical attention.

First Aid: Notes to Physician
This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards
This product is an NFPA Level II Combustible liquid.

Hot vapor or mists may be susceptible to spontaneous combustion when mixed with air. Ignition temperatures decrease with increasing vapor volume and vapor/air contact time and are influenced by pressure changes. Therefore, ignition may occur below published ignition temperatures. Use of this product in processes involving elevated-temperatures, vacuum if subject to sudden ingress of air, sudden escape of vapor or mist, etc., must be thoroughly evaluated to assure safe operation. Exposure closed containers to heat may cause excessive pressure resulting in explosive rupture.

Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

Hazardous Combustion Products
Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media
Dry chemical, foam, carbon dioxide. Use water to cool fire-exposed containers and to protect personnel.

Fire Fighting Equipment/Instructions
Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire. Wear protective clothing ensemble as defined in NFPA 1500 (2002, or as updated).

NFPA Ratings: Health: 2 Fire: 2 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
**Section 6 - Accidental Release Measures**

**Containment Procedures**
Stop the flow of material. Block any potential routes to water systems. Contain the discharged material. Remove sources of ignition.

**Clean-Up Procedures**
Combustible liquid. Eliminate all ignition sources. Ventilate the area. If spill is large, be prepared to isolate the hazard area. Deny access to the spill area to persons who are not involved in the cleanup and/or who have not been properly trained in spill management of hazardous/combustible liquids. Absorb spill with inert material. Shovel material into appropriate container for disposal. Put material in suitable, covered, labeled containers. Ventilate the contaminated area.

**Section 7 - Handling and Storage**

**Handling Procedures**
Do not get in eyes, on skin or clothing. Avoid breathing vapors or mists of this product. Use this product with adequate ventilation. Keep away from heat, sparks, flames and direct sunlight. DO NOT cut, puncture or weld on or near this container. Do not apply pressure to this container. Containers should be bonded and grounded during transfer of material. Wash thoroughly after handling.

**Storage Procedures**
Store in a cool, dry, and well-ventilated area. Store in combustible storage area and away from heat and open flame. Avoid storing containers in direct sunlight as vapors may accumulate in the head space creating pressure. Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Keep container upright, when not in use, to prevent leakage. Open containers carefully and slowly. Emptied container may contain residual vapors or liquid which may ignite or explode. Do not reuse empty container without commercial cleaning or reconditioning.

**Section 8 - Exposure Controls / Personal Protection**

**Exposure Guidelines**
A: General Product Information
Keep all exposures to a minimum.
Material Safety Data Sheet

B: Component Exposure Limits

2-Heptanone (110-43-0)

- **ACGIH**: 50 ppm TWA
- **OSHA (Final)**: 100 ppm TWA; 465 mg/m³ TWA
- **OSHA (Vacated)**: 100 ppm TWA; 465 mg/m³ TWA
- **NIOSH**: 100 ppm TWA; 465 mg/m³ TWA
- **Alberta**: 50 ppm TWA; 233 mg/m³ TWA
- **British Columbia**: 50 ppm TWA
  - **Manitoba**: 50 ppm TWA; 235 mg/m³ TWA
  - **New Brunswick**: 50 ppm TWA; 233 mg/m³ TWA
  - **NW Territories**: 50 ppm TWA; 235 mg/m³ TWA
    - 100 ppm STEL; 465 mg/m³ STEL
  - **Nova Scotia**: 50 ppm TWA
    - **Nunavut**: 50 ppm TWA; 235 mg/m³ TWA
      - 100 ppm STEL; 465 mg/m³ STEL
  - **Ontario**: 25 ppm TWA;E; 115 mg/m³ TWA
  - **Quebec**: 50 ppm TWA;E; 233 mg/m³ TWA
  - **Saskatchewan**: 233 mg/m³ TWA; 50 ppm TWA
    - 291 mg/m³ STEL; 60 ppm STEL
  - **Yukon**: 100 ppm TWA; 465 mg/m³ TWA
    - 150 ppm STEL; 710 mg/m³ STEL

**Toluene (108-88-3)**

- **ACGIH**: 20 ppm TWA
- **OSHA (Final)**: 200 ppm TWA
  - 300 ppm Ceiling
- **OSHA (Vacated)**: 100 ppm TWA; 375 mg/m³ TWA
  - 150 ppm STEL; 560 mg/m³ STEL
- **NIOSH**: 100 ppm TWA; 375 mg/m³ TWA
  - 150 ppm STEL; 560 mg/m³ STEL
- **Alberta**: 50 ppm TWA; 188 mg/m³ TWA
  - Substance may be readily absorbed through intact skin

- **British Columbia**: 50 ppm TWA
  - Skin notation
- **Manitoba**: 100 ppm TWA; 375 mg/m³ TWA
  - 150 ppm STEL; 560 mg/m³ STEL
- **New Brunswick**: 50 ppm TWA; 188 mg/m³ TWA
  - Skin - potential for cutaneous absorption
- **NW Territories**: 100 ppm TWA; 375 mg/m³ TWA
  - 150 ppm STEL; 560 mg/m³ STEL
  - Skin notation
- **Nova Scotia**: 20 ppm TWA
- **Nunavut**: 100 ppm TWA; 375 mg/m³ TWA
  - 150 ppm STEL; 560 mg/m³ STEL
  - Skin notation
- **Ontario**: 50 ppm TWA;E
- **Quebec**: 100 ppm TWA;E; 377 mg/m³ TWA
  - 150 ppm STEL; 565 mg/m³ STEL
- **Saskatchewan**: 188 mg/m³ TWA; 50 ppm TWA
  - 235 mg/m³ STEL; 60 ppm STEL
- **Yukon**: 100 ppm TWA; 375 mg/m³ TWA
  - 150 ppm STEL; 560 mg/m³ STEL
  - Skin notation

**Engineering Controls**

Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.
Material Name: Unity 4678E/US

**PERSONAL PROTECTIVE EQUIPMENT**

**Personal Protective Equipment: Eyes/Face**
Wear chemical goggles; add face shield (if splashing is possible).

**Personal Protective Equipment: Skin**
Use chemical resistant protective clothing.

**Personal Protective Equipment: Respiratory**
If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH approved respiratory protection must be provided. Use respiratory protection in accordance with your company’s respiratory protection program, local regulations or OSHA regulations under 29 CFR 1910.134.

**Personal Protective Equipment: General**
Eye wash fountain and emergency showers are recommended.

*** Section 9 - Physical & Chemical Properties ***

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Colorless liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>2.14 mm Hg @ 20°C (68°F)</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>149-150°C (300-302°F) (2-Heptanone)</td>
</tr>
<tr>
<td>Solubility (H2O):</td>
<td>4.3 g/L @ 20°C (68°F)</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>105.8°F (41°C) (2-Heptanone)</td>
</tr>
<tr>
<td>Auto Ignition:</td>
<td>739°F (393°C) (2-Heptanone)</td>
</tr>
<tr>
<td>UFL:</td>
<td>7.9 % (2-Heptanone)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Odor:</th>
<th>Fruity</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>3.94 g/L (2-Heptanone)</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>-35°C (-31°F) (2-Heptanone)</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>0.815 (2-Heptanone)</td>
</tr>
<tr>
<td>Flash Point Method:</td>
<td>Not available</td>
</tr>
<tr>
<td>LFL:</td>
<td>1.11% (2-Heptanone)</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>114.19 g/mole</td>
</tr>
</tbody>
</table>

*** Section 10 - Chemical Stability & Reactivity Information ***

**Chemical Stability**
Stable under normal temperatures and pressures.

**Conditions to Avoid**
Keep away from heat, ignition sources and incompatible materials.

**Incompatibility**
Strong acids, strong bases and oxidizing agents.

**Hazardous Decomposition**
Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Hazardous Polymerization**
Will not occur.

*** Section 11 - Toxicological Information ***

**Acute and Chronic Toxicity**

**A: General Product Information**
No toxicity studies have been conducted on this product. As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure. This product may cause irritation to the respiratory system. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination. May be harmful if absorbed through the skin. May be harmful if swallowed. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.
Material Safety Data Sheet

B: Component Analysis - LD50/LC50

2-Heptanone (110-43-0)

Test & Species
Oral LD50 Rat
Dermal LD50 Rabbit

Data
1670 mg/kg
12600 μL/kg

Toluene (108-88-3)

Test & Species
Inhalation LC50 Rat
Inhalation LC50 Rat
Oral LD50 Rat
Dermal LD50 Rabbit

Data
12.5 mg/L/4H
>26700 ppm/1H
636 mg/kg
8390 mg/kg

Carcinogenicity

A: General Product Information
No information available for the product.

B: Component Carcinogenicity

Toluene (108-88-3)

ACGIH: A4 - Not Classifiable as a Human Carcinogen
IARC: Monograph 71 [1999], Monograph 47 [1989] (Group 3 (not classifiable))

Chronic Toxicity

No information available for the product.

Intentional misuse of toluene has resulted in reproductive effects including physical and developmental abnormalities, such as low birth weight and microencephaly, and have been referred to as fetal toluene syndrome. Chronic exposure to toluene has been associated with headache, nausea, lightheadedness loss of coordination, memory loss, loss of appetite, enlargement of the liver, and blood effects, as well as cardiac effects.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information
No ecotoxicity testing has been conducted on this product.

B: Component Analysis

2-Heptanone (110-43-0)

Environmental: If released to soil, calculated soil adsorption coefficients ranging from 44-285 indicate that 2-heptanone may display moderate to high mobility and it has the potential to leach into groundwater. Heptanone has the potential to biodegrade in soil. If released to water, 2-heptanone is expected to rapidly volatilize to the atmosphere. The half-life for volatilization from a model river 1 m deep, flowing at 1 m/sec with a wind speed of 3 m/sec is 8.4hr.

Physical: If released to the atmosphere, 2-heptanone is expected to undergo a gas-phase reaction with photochemically produced hydroxyl radicals; the estimated half-life for this process is 1.9days.

Other: 2-Heptanone had a theoretical biological oxygen demand (BOD) of 1.4%, 2.4% and 4.8% after 6, 12 and 24 hr, respectively, when incubated with a activated sludge seed at an initial concentration of 500 ppm. 2-Heptanone underwent a 5 day theoretical BOD of 44%. In a screening study using a sewage seed, 2-heptanone had a 10 day BOD of 0.50 g/g.
Material Safety Data Sheet

Material Name: Unity 4678E/US

C: Component Analysis - Ecotoxicity - Aquatic Toxicity

2-Heptanone (110-43-0)
Test & Species Data Conditions
96 Hr LC50 Pimephales promelas 131.0 mg/L flow-through

Toluene (108-88-3)
Test & Species Data Conditions
96 Hr LC50 Pimephales promelas 25 mg/L 1 day old
96 Hr LC50 Oncorhynchus mykiss 24.0 mg/L flow-through
96 Hr LC50 Leponis macrochirus 24.0 mg/L
96 Hr LC50 Leponis macrochirus 13 mg/L
96 Hr EC50 Selenastrum capricornutum >433 mg/L
30 min EC50 Photobacterium phosphoreum 19.7 mg/L
48 Hr EC50 water flea 11.3 mg/L
48 Hr EC50 water flea 310 mg/L
48 Hr EC50 Daphnia magna 11.3 mg/L

Environmental Fate
No ecological testing has been conducted on this product.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions
If discarded, this product is considered a RCRA ignitable waste, D001. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

Disposal Instructions
Dispose of waste by incineration, in accordance with local regulations and available facilities. Liquids cannot be disposed of in a landfill.

*** Section 14 - Transportation Information ***

US DOT Information
Shipping Name: Flammable liquid, n.o.s. (n-Amyl methyl ketone, Toluene)
UN/NA #: UN1993 Hazard Class: 3 Packing Group: III
Required Label(s): Flammable liquid
Additional Info.: Additional Shipping Information: Flash point 41°C

TDG Information
Shipping Name: Flammable liquid, n.o.s. (n-Amyl methyl ketone, Toluene)
UN/NA #: UN1993 Hazard Class: 3 Packing Group: III
Required Label(s): Flammable liquid
Additional Info.: Additional Shipping Information: Flash point 41°C

ICAO Information
Shipping Name: Flammable liquid, n.o.s. (n-Amyl methyl ketone, Toluene)
UN #: UN1993 Hazard Class: 3 Packing Group: III
Required Label(s): Flammable liquid
Additional Info.: Additional Shipping Information: Flash point 41°C
Material Name: Unity 4678E/US

IATA Information
Shipping Name: Flammable liquid, n.o.s. (n-Amyl methyl ketone, Toluene)
UN #: UN1993 Hazard Class: 3 Packing Group: III
Required Label(s): Flammable liquid
Additional Info.: Additional Shipping Information: Flash point 41°C

ADR Information
Shipping Name: Flammable liquid, n.o.s. (n-Amyl methyl ketone, Toluene)
UN #: UN1193 Hazard Class: 3 Packing Group: III
Required Label(s): Flammable liquid
Additional Info.: Additional Shipping Information: Flash point 41°C

RID Information
Shipping Name: Flammable liquid, n.o.s. (n-Amyl methyl ketone, Toluene)
UN #: UN1993 Hazard Class: 3 Packing Group: III
Required Label(s): Flammable liquid
Additional Info.: Additional Shipping Information: Flash point 41°C

IMDG Information
Shipping Name: Flammable liquid, n.o.s. (n-Amyl methyl ketone, Toluene)
UN #: UN1993 Hazard Class: 3 Packing Group: III
Required Label(s): Flammable liquid
Additional Info.: Additional Shipping Information: Flash point 41°C

*** Section 15 - Regulatory Information ***

Additional Regulatory Information
A: General Product Information
THIS MATERIAL IS SOLELY FOR RESEARCH AND DEVELOPMENT USE. This product contains components that are not known to be on the TSCA Inventory. This product cannot be distributed by itself or as part of another product in commerce. Its use is to be by or under the supervision of a technically qualified person. The physical, chemical and toxicological properties of this substance have not been fully determined.

B: Component Analysis - Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>TSCA</th>
<th>Canada</th>
<th>EU</th>
<th>METI</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Heptanone</td>
<td>110-43-0</td>
<td>Yes</td>
<td>DSL</td>
<td>EINECS</td>
<td>Yes</td>
</tr>
<tr>
<td>Cyclic olefin Polymer</td>
<td>Proprietary</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Proprietary Additive</td>
<td>Trade Secret</td>
<td>Yes</td>
<td>NDSL</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>Yes</td>
<td>DSL</td>
<td>EINECS</td>
<td>Yes</td>
</tr>
</tbody>
</table>

US Federal Regulations
A: General Product Information
No additional information available.

B: Component Analysis
This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).
Toluene (108-88-3)
SARA 313: 1.0 % de minimis concentration
CERCLA: 1000 lb final RQ; 454 kg final RQ

SARA 311/312 - Acute Health: Yes Chronic Health: Yes Fire: Yes Pressure: No Reactive: No
Material Safety Data Sheet

Material Name: Unity 4678E/US

State Regulations
A: General Product Information
   Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State
   The following components appear on one or more of the following state hazardous substances lists:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>CA</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
<th>RI</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Heptanone</td>
<td>110-43-0</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Component Analysis - WHMIS IDL
   The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Minimum Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Heptanone</td>
<td>110-43-0</td>
<td>1 %</td>
</tr>
</tbody>
</table>

*** Section 16 - Other Information ***

Other Information
   Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

   This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to develop appropriate work practice guidelines and employee instructional programs for your operation.

Key/Legend
   ACGIH: American Conference of Governmental Industrial Hygienists
   A1: Confirmed human carcinogen
   A2: Suspected human carcinogen
   A3: Animal carcinogen
   DSL: Canadian Domestic Substances List
   CAS No: Chemical Abstract Service Registry Number
   EEC: European Economic Community
   IARC: International Agency for Research on Cancer
   Group1: Carcinogenic to humans
   Group2A: Probably carcinogenic to humans
   Group2B: Possibly carcinogenic to humans
   Group3: Unclassifiable as a carcinogen to humans
   JSOH: Japan Society for Occupational Health
   LVE: Low Volume Exemption
   METI: Ministry of Environment, Trade, and Industry
Material Safety Data Sheet

Material Name: Unity 4678E/US

MSHA: Mine Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health
NDSSL: Non-Domestic Substances List
NTP: National Toxicology Program
N/A: Not Applicable
N/E: None Established
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
PNOC: Particulates Not Otherwise Classified
RTK: Right To Know
STEL: Short Term Exposure Limit (15 minute Time Weighted Average)
TLV: Threshold Limit Value
C: Ceiling limit
S: Skin notation refers to the potential significant contribution to the overall exposure by the cutaneous route including mucous membranes and the eyes and by direct skin contact with the substance
WEEL: Workplace Environmental Exposure Level
WHMIS: Canadian Workplace Hazardous Materials Information System

End of Sheet UNIT4678E/US