

Issue Date No data available

Revision Date 20-Mar-2015

REVISION NUMBER: 2

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product identifier****Product Name** 74010**Other means of identification****Product Code** 74010**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** No information available.**Uses advised against** No information available**Details of the supplier of the safety data sheet****MANUFACTURED BY:****VON ROLL USA, INC.**

200 VON ROLL DRIVE

SCHENECTADY, NY 12306

BUSINESS: (518) 344-7100

EMERGENCY: (518) 395-3310

**Emergency telephone number****2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|  |             |
|--|-------------|
| ACUTE TOXICITY - ORAL                              | Category 4  |
| Skin corrosion/irritation                          | Category 2  |
| Serious eye damage/eye irritation                  | Category 1  |
| Germ cell mutagenicity                             | Category 1B |
| Carcinogenicity                                    | Category 1B |
| Reproductive toxicity                              | Category 2  |
| Specific target organ toxicity (single exposure)   | Category 3  |
| Specific target organ toxicity (repeated exposure) | Category 2  |
| Aspiration toxicity                                | Category 1  |
| Flammable liquids                                  | Category 3  |

**Label elements****Emergency Overview****Danger****Hazard statements**

Harmful if swallowed

Causes skin irritation

Causes serious eye damage

May cause genetic defects

May cause cancer

Suspected of damaging fertility or the unborn child

May cause respiratory irritation. May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Flammable liquid and vapor

**Appearance** No information available**PHYSICAL STATE** Liquid**ODOR** No information available**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/./? /equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 Specific treatment (see ./? on this label)  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting  
 Rinse mouth  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

Toxicity: Not determined

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER | CAS No. | APPROX. WEIGHT PERCENT | TRADE SECRET |
|--|---------|------------------------|--------------|
|--|---------|------------------------|--------------|

|   |           |         |  |
|---|-----------|---------|--|
| Toluene<br>108-88-3                       | 108-88-3  | 10 - 30 |  |
| n-Butyl Alcohol<br>71-36-3                | 71-36-3   | 10 - 30 |  |
| Xylene (Mixed Isomers)<br>1330-20-7       | 1330-20-7 | 5 - 10  |  |
| Methyl Isobutyl Ketone<br>108-10-1        | 108-10-1  | 5 - 10  |  |
| Propylene Glycol Methyl Ether<br>107-98-2 | 107-98-2  | 5 - 10  |  |
| Ethyl Benzene<br>100-41-4                 | 100-41-4  | 1 - 5   |  |

#### 4. FIRST AID MEASURES

##### First aid measures

|                     |  |
|---------------------|--|
| <b>EYE CONTACT</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>SKIN CONTACT</b> | Wash skin with soap and water.   |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>INGESTION</b>    | Clean mouth with water and drink afterwards plenty of water.   |

##### Most important symptoms and effects, both acute and delayed

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

##### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

##### Special Hazards:

None Known.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### Protective equipment and precautions for firefighters

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

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Ensure adequate ventilation, especially in confined areas. |
|-----------------------------|--|

##### Environmental precautions

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | See Section 12 for additional ecological information. |
|----------------------------------|---|

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

| HAZARDOUS PRODUCT<br>COMPOSITION/CAS NUMBER | ACGIH TLV                     | OSHA<br>PEL-TWA | NIOSH IDLH  |
|---|-------------------------------|-----------------|---|
| Toluene<br>108-88-3                         | TWA: 20 ppm                   | 200             | IDLH: 500 ppm<br>TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 560 mg/m <sup>3</sup> |
| n-Butyl Alcohol<br>71-36-3                  | TWA: 20 ppm                   | 100             | IDLH: 1400 ppm<br>Ceiling: 50 ppm<br>Ceiling: 150 mg/m <sup>3</sup>   |
| Xylene (Mixed Isomers)<br>1330-20-7         | STEL: 150 ppm<br>TWA: 100 ppm | 100             | -   |
| Methyl Isobutyl Ketone<br>108-10-1          | STEL: 75 ppm<br>TWA: 20 ppm   | 100             | IDLH: 500 ppm<br>TWA: 50 ppm<br>TWA: 205 mg/m <sup>3</sup><br>STEL: 75 ppm<br>STEL: 300 mg/m <sup>3</sup>   |
| Propylene Glycol Methyl Ether<br>107-98-2   | STEL: 100 ppm<br>TWA: 50 ppm  | 100 (1989)      | TWA: 100 ppm<br>TWA: 360 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 540 mg/m <sup>3</sup>                  |
| Ethyl Benzene<br>100-41-4                   | TWA: 20 ppm                   | 100             | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**ENGINEERING CONTROLS:** Exhaust ventilation.  
Showers.  
Eyewash stations.  
Use in a well ventilated area.

**Individual protection measures, such as personal protective equipment**

Von Roll recommends evaluation and selection of appropriate engineering controls (such as ventilation and eyewash/safety shower) as well as appropriate personal protective equipment (such as respiratory protection, protective gloves, eye protection) for safely handling this material. The following guidelines should be considered in this process.

**EYE PROTECTION:** Splash Goggles.

|  |   |
|--|---|
| <b>GLOVES:</b>                         | Polyvinyl alcohol gloves. Viton rubber gloves.  |
| <b>VENTILATION:</b>                    | Use only in well ventilated area. Localized mechanical ventilation.   |
| <b>RESPIRATORY PROTECTION:</b>         | Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV exceeded, or over exposure is likely. |
| <b>OTHER PERSONAL PROTECTION DATA:</b> | Rubber apron or other chemical-resistant apron. Face shield.  |

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |                       |          |
|-----------------------|--------------------------|-----------------------|----------|
| <b>PHYSICAL STATE</b> | Liquid                   | <b>ODOR:</b>          | PLEASANT |
| <b>Appearance</b>     | No information available | <b>ODOR THRESHOLD</b> | UNKNOWN  |
| <b>DESCRIPTION:</b>   | AMBER                    | <b>(PPM):</b>         |          |

| <u>PROPERTIES</u>             | <u>Values</u>            | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH                            | No information available |                         |
| Melting point/freezing point  | No information available |                         |
| Boiling point / boiling range | No information available |                         |
| Flash point                   | 16 °C / 61 °F            |                         |
| EVAPORATION RATE              | No information available |                         |
| Flammability (solid, gas)     | No information available |                         |
| Flammability Limit in Air     |                          |                         |
| Upper flammability limit:     | 11.2                     |                         |
| Lower flammability limit:     | 1                        |                         |
| VAPOR PRESSURE                | No information available |                         |
| VAPOR DENSITY                 | No information available |                         |
| SPECIFIC GRAVITY              | 0.91                     |                         |
| Water solubility              | No information available |                         |
| Solubility in other solvents  | No information available |                         |
| Partition coefficient         | No information available |                         |
| Autoignition temperature      | No information available |                         |
| Decomposition temperature     | No information available |                         |
| Kinematic viscosity           | No information available |                         |
| Dynamic viscosity             | No information available |                         |
| Explosive properties          | No information available |                         |
| Oxidizing properties          | No information available |                         |

### Other Information

|                 |                          |
|-----------------|--------------------------|
| Softening point | No information available |
| DENSITY         | No information available |
| Bulk density    | No information available |

## 10. STABILITY AND REACTIVITY

### REACTIVITY

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**CONDITIONS TO AVOID**

Keep away from heat, sparks and flame.

**Incompatible materials**

Avoid contact with acidic, basic or oxidizing agents. Metal salts such as aluminum chloride.

**Hazardous Decomposition Products**

Carbon monoxide. Carbon dioxide. Toxic fumes. Oxides of nitrogen. Benzene. Alcohols.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                            |                    |
|----------------------------|--------------------|
| <b>PRODUCT INFORMATION</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>EYE CONTACT</b>         | No data available. |
| <b>SKIN CONTACT</b>        | No data available. |
| <b>INGESTION</b>           | No data available. |

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | Oral LD50                                 | Dermal LD50   | Inhalation LC50   |
|---|---|---|---|
| Toluene<br>108-88-3                       | = 2600 mg/kg ( Rat )                      | = 12000 mg/kg ( Rabbit )  | = 12.5 mg/L ( Rat ) 4 h   |
| n-Butyl Alcohol<br>71-36-3                | = 700 mg/kg ( Rat ) = 790 mg/kg ( Rat )   | = 3402 mg/kg ( Rabbit ) = 3400 mg/kg ( Rabbit )                         | > 8000 ppm ( Rat ) 4 h  |
| Xylene (Mixed Isomers)<br>1330-20-7       | = 3500 mg/kg ( Rat ) = 4820 mg/kg ( Rat ) | > 4350 mg/kg ( Rabbit ) > 1700 mg/kg ( Rabbit ) > 2000 mg/kg ( Rabbit ) | = 29.08 mg/L ( Rat ) 4 h = 5000 ppm ( Rat ) 4 h > 5.04 mg/L ( Rat ) 4 h |
| Methyl Isobutyl Ketone<br>108-10-1        | = 2080 mg/kg ( Rat )                      | = 3000 mg/kg ( Rabbit )   | = 8.2 mg/L ( Rat ) 4 h  |
| Propylene Glycol Methyl Ether<br>107-98-2 | = 5000 mg/kg ( Rat )                      | = 13 g/kg ( Rabbit )  | > 6 mg/L ( Rat ) 4 h  |
| Ethyl Benzene<br>100-41-4                 | = 3500 mg/kg ( Rat ) = 4820 mg/kg ( Rat ) | = 15400 mg/kg ( Rabbit ) > 2000 mg/kg ( Rabbit )                        | = 17.2 mg/L ( Rat ) 4 h > 5.04 mg/L ( Rat ) 4 h                         |

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | ACGIH | IARC     | NTP | OSHA |
|---|-------|----------|-----|------|
| Toluene<br>108-88-3                       | -     | Group 3  | -   | -    |
| n-Butyl Alcohol<br>71-36-3                | -     | -        | -   | -    |
| Xylene (Mixed Isomers)<br>1330-20-7       | -     | Group 3  | -   | -    |
| Methyl Isobutyl Ketone<br>108-10-1        | A3    | Group 2B | -   | X    |
| Propylene Glycol Methyl Ether<br>107-98-2 | -     | -        | -   | -    |

|                           |    |          |   |   |
|---------------------------|----|----------|---|---|
| Ethyl Benzene<br>100-41-4 | A3 | Group 2B | - | X |
|---------------------------|----|----------|---|---|

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**Aspiration hazard** No information available.

#### Numerical measures of toxicity - PRODUCT INFORMATION

**Toxicity:** Not determined  
**The following values are calculated based on chapter 3.1 of the GHS document .**  
**ATEmix (oral)** 1100 mg/kg  
**ATEmix (dermal)** 6055 mg/kg mg/L

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

22.14205% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| HAZARDOUS PRODUCT<br>COMPOSITION/CAS NUMBER | Acute Algae Toxicity:   | Acute Fish Toxicity:  | Crustacea   |
|---|---|---|---|
| Toluene<br>108-88-3                         | 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 433: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 12.6: 96 h Pimephales promelas mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 54: 96 h Oryzias latipes mg/L LC50 static                            | 5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static 11.5: 48 h Daphnia magna mg/L EC50 |
| n-Butyl Alcohol<br>71-36-3                  | 500: 72 h Desmodesmus subspicatus mg/L EC50 500: 96 h Desmodesmus subspicatus mg/L EC50                         | 100000 - 500000: 96 h Lepomis macrochirus µg/L LC50 static 1730 - 1910: 96 h Pimephales promelas mg/L LC50 static 1740: 96 h Pimephales promelas mg/L LC50 flow-through 1910000: 96 h Pimephales promelas µg/L LC50 static  | 1897 - 2072: 48 h Daphnia magna mg/L EC50 Static 1983: 48 h Daphnia magna mg/L EC50 |
| Xylene (Mixed Isomers)<br>1330-20-7         | 11: 72 h Pseudokirchneriella subcapitata mg/L EC50  | 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 13.4: 96 h Pimephales promelas mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 | 0.6: 48 h Gammarus lacustris mg/L LC50 3.82: 48 h water flea mg/L EC50              |
| Methyl Isobutyl Ketone<br>108-10-1          | 400: 96 h Pseudokirchneriella subcapitata mg/L EC50   | 496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through  | 170: 48 h Daphnia magna mg/L EC50   |
| Propylene Glycol Methyl Ether<br>107-98-2   | -   | 4600 - 10000: 96 h Leuciscus idus mg/L LC50 static 20.8: 96 h Pimephales promelas g/L LC50 static   | 23300: 48 h Daphnia magna mg/L EC50   |

|                           |   |  |   |
|---------------------------|---|--|---|
| Ethyl Benzene<br>100-41-4 | 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 11: 72 h Pseudokirchneriella subcapitata mg/L EC50 4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 9.6: 96 h Poecilia reticulata mg/L LC50 static | 1.8 - 2.4: 48 h Daphnia magna mg/L EC50 |
|---------------------------|---|--|---|

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | Partition coefficient |
|---|-----------------------|
| Toluene<br>108-88-3                       | 2.65                  |
| n-Butyl Alcohol<br>71-36-3                | 0.785                 |
| Xylene (Mixed Isomers)<br>1330-20-7       | 2.77 - 3.15           |
| Methyl Isobutyl Ketone<br>108-10-1        | 1.19                  |
| Propylene Glycol Methyl Ether<br>107-98-2 | -0.437                |
| Ethyl Benzene<br>100-41-4                 | 3.118                 |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**EPA HAZARDOUS WASTE DISPOSAL CODE:** D001, D018, RQ = 10 lb / 4.54 kg.

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | RCRA Classification: | RCRA - Basis for Listing  | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---|----------------------|---|------------------------|------------------------|
| Toluene<br>108-88-3                       | U220                 | Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151 | -                      | U220                   |
| n-Butyl Alcohol<br>71-36-3                | -                    | Included in waste stream: F039  | -                      | U031                   |
| Xylene (Mixed Isomers)<br>1330-20-7       | -                    | Included in waste stream: F039  | -                      | U239                   |
| Methyl Isobutyl Ketone<br>108-10-1        | -                    | Included in waste stream: F039  | -                      | U161                   |
| Propylene Glycol Methyl Ether<br>107-98-2 | -                    | -   | -                      | -                      |
| Ethyl Benzene<br>100-41-4                 | -                    | Included in waste stream: F039  | -                      | -                      |



| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | RCRA - Halogenated Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes  | RCRA - K Series Wastes |
|---|--------------------------------------|------------------------|---|------------------------|
| Toluene<br>108-88-3                       | -                                    | -                      | Toxic waste<br>waste number F025<br>Waste description:<br>Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. | -                      |
| n-Butyl Alcohol<br>71-36-3                | -                                    | -                      | -   | -                      |
| Xylene (Mixed Isomers)<br>1330-20-7       | -                                    | -                      | -   | -                      |
| Methyl Isobutyl Ketone<br>108-10-1        | -                                    | -                      | -   | -                      |
| Propylene Glycol Methyl Ether<br>107-98-2 | -                                    | -                      | -   | -                      |
| Ethyl Benzene<br>100-41-4                 | -                                    | -                      | -   | -                      |

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | California Hazardous Waste Status |
|---|-----------------------------------|
| Toluene<br>108-88-3                       | Toxic<br>Ignitable                |
| n-Butyl Alcohol<br>71-36-3                | Toxic                             |
| Xylene (Mixed Isomers)<br>1330-20-7       | Toxic<br>Ignitable                |
| Methyl Isobutyl Ketone<br>108-10-1        | -                                 |
| Propylene Glycol Methyl Ether<br>107-98-2 | -                                 |
| Ethyl Benzene<br>100-41-4                 | Toxic<br>Ignitable                |

#### 14. TRANSPORT INFORMATION

**DOT SHIPPING NAME:** RESIN SOLUTION  
**DOT HAZARD CLASS:** 3  
**DOT PACKING GROUP:** PG II  
**DOT LABEL(S):** FLAMMABLE LIQUID  
**UN/NA NUMBER:** UN1866  
**PLACARDS:** FLAMMABLE LIQUID  
**ICAO/IATA:** 3, II  
**MARINE POLLUTANT:** NONE  
**NMFC CLASSIFICATION:** CLASS 55

#### 15. REGULATORY INFORMATION

##### International Inventories

|               |                 |
|---------------|-----------------|
| TSCA          | Does not comply |
| DSL/NDL       | Complies        |
| EINECS/ELINCS | Does not comply |
| ENCS          | Does not comply |

|       |                 |
|-------|-----------------|
| IECSC | Does not comply |
| KECL  | Does not comply |
| PICCS | Does not comply |
| AICS  | Does not comply |

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

|                                   |    |
|-----------------------------------|----|
| ACUTE HEALTH HAZARD               | No |
| FIRE HAZARD                       | No |
| Sudden release of pressure hazard | No |
| REACTIVE HAZARD                   | No |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|-----------------------------|------------------------|---------------------------|----------------------------|
| Toluene<br>108-88-3                       | 1000 lb                     | X                      | X                         | X                          |
| n-Butyl Alcohol<br>71-36-3                | -                           | -                      | -                         | -                          |
| Xylene (Mixed Isomers)<br>1330-20-7       | 100 lb                      | -                      | -                         | X                          |
| Methyl Isobutyl Ketone<br>108-10-1        | -                           | -                      | -                         | -                          |
| Propylene Glycol Methyl Ether<br>107-98-2 | -                           | -                      | -                         | -                          |
| Ethyl Benzene<br>100-41-4                 | 1000 lb                     | X                      | X                         | X                          |

**CERCLA**

| HAZARDOUS PRODUCT COMPOSITION/CAS NUMBER  | Hazardous Substances RQs | CERCLA/SARA RQ   |
|---|--------------------------|--|
| Toluene<br>108-88-3                       | 1000 lb 1 lb             | RQ 1000 lb final RQ<br>RQ 454 kg final RQ RQ 1 lb final RQ<br>RQ 0.454 kg final RQ |
| n-Butyl Alcohol<br>71-36-3                | 5000 lb                  | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ   |
| Xylene (Mixed Isomers)<br>1330-20-7       | 100 lb                   | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ  |
| Methyl Isobutyl Ketone<br>108-10-1        | 5000 lb                  | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ   |
| Propylene Glycol Methyl Ether<br>107-98-2 | -                        | -  |

|                           |         |   |
|---------------------------|---------|---|
| Ethyl Benzene<br>100-41-4 | 1000 lb | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |
|---------------------------|---------|---|

**US State Regulations****CALIFORNIA PROPOSITION 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

| HAZARDOUS PRODUCT<br>COMPOSITION/CAS NUMBER | New Jersey Right-to-Know List: | MA Right to Know Law: | Pennsylvania Right to Know List |
|---|--------------------------------|-----------------------|---------------------------------|
| Toluene<br>108-88-3                         | X                              | X                     | X                               |
| n-Butyl Alcohol<br>71-36-3                  | X                              | X                     | X                               |
| Xylene (Mixed Isomers)<br>1330-20-7         | X                              | X                     | X                               |
| Methyl Isobutyl Ketone<br>108-10-1          | X                              | X                     | X                               |
| Propylene Glycol Methyl Ether<br>107-98-2   | X                              | X                     | X                               |
| Ethyl Benzene<br>100-41-4                   | X                              | X                     | X                               |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

**NFPA RATING:** HEALTH 2 , FLAMMABILITY 3 , INSTABILITY 0  
**HMIS CLASSIFICATION:** HEALTH \*2 , FLAMMABILITY 3 , PHYSICAL HAZARD 0

**Prepared By** Santino M. Cardella  
**Revision Date** 20-Mar-2015

**Revision Note**  
No information available

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

\*\*\*END OF MSDS\*\*\*