

# SAFETY DATA SHEET.

Issuing date 28-Apr-2017

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Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product name Clean-N-Run CNR-10

### Recommended use of the chemical and restrictions on use

### Product Type

Extremely Flammable Aerosol

### Synonyms

None

### Supplier's details

### Recommended Use

Mold Cleaner.

### Uses advised against

No information available

### Manufacturer

Nanoplas Inc.  
2950 Prairie St SW  
Suite 900  
Grandville, MI 49418

### Emergency telephone number

### Chemical Emergency Phone Number

CHEMTREC: 1-800-262-8200 ID 1195 (UNITED STATES)

## 2. HAZARDS IDENTIFICATION

### Classification

This SDS has been developed for sample purposes only. Classification(s) may change after final sample approval. \*\*\* This SDS has been developed while waiting for a Flame Ignition Test to be performed. Flammability classification may change after Flame Ignition Testing has been performed.

|  |                |
|--|----------------|
| Serious eye damage/eye irritation                | Category 2A    |
| Reproductive Toxicity                            | Category 2     |
| Specific target organ toxicity (single exposure) | Category 3     |
| Aspiration toxicity                              | Category 1     |
| Flammable aerosols                               | Category 1     |
| Gases under pressure                             | Compressed Gas |

### GHS Label elements, including precautionary statements

#### Emergency Overview

#### DANGER

#### Hazard Statements

Causes serious eye irritation  
 Suspected of damaging fertility or the unborn child  
 May cause respiratory irritation. May cause drowsiness or dizziness.  
 May be fatal if swallowed and enters airways  
 Extremely Flammable Aerosol  
 Contains gas under pressure; may explode if heated



**Appearance** Clear

**Physical state** Aerosol

**Odor** Solvent

#### Precautionary Statements - Prevention

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 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.  
 Do not spray on an open flame or other ignition source.  
 Pressurized container: Do not pierce or burn, even after use

#### Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: Get medical advice/attention  
 IF INHALED : Remove person to fresh air and keep comfortable for breathing.  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 IF SWALLOWED: Immediately call a poison center/doctor  
 Do NOT induce vomiting.

**Precautionary Statements - Storage**

Store locked up

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

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None

**Other information**

0% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name  | CAS-No     | Weight %* |
|----------------|------------|-----------|
| HEPTANE        | 64742-49-0 | 50-60     |
| XYLENE         | 1330-20-7  | 20-30     |
| ACETONE        | 67-64-1    | 10-20     |
| CARBON DIOXIDE | 124-38-9   | 1-10      |
| TOLUENE        | 108-88-3   | <1        |
| ETHYL BENZENE  | 100-41-4   | <0.1      |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures for different exposure routes**

|                       |   |
|-----------------------|---|
| <b>General advice</b> | Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, mist, or gas.  |
| <b>Eye contact</b>    | Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. If eye irritation persists, consult a doctor.                |
| <b>Skin contact</b>   | Wash off with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.   |
| <b>Inhalation</b>     | Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.   |
| <b>Ingestion</b>      | Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion. |

**Most important symptoms/effects, acute and delayed**

|                      |  |
|----------------------|--|
| <b>Main Symptoms</b> | Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. |
|----------------------|--|

**Indication of immediate medical attention and special treatment needed, if necessary**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water fog. Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>). Cool containers/tanks with water spray. Water fog. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Cool containers / tanks with water spray. Water fog. Carbon Dioxide (CO<sub>2</sub>), Foam, Dry Chemical. Cool Tanks/containers with water spray.

**Unsuitable Extinguishing Media** . Cool containers / tanks with water spray. Keep away from sources of ignition - No smoking. Do not use a solid water stream as it may scatter and spread fire. Remove all sources of ignition.

### Specific hazards arising from the chemical

Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition. In the event of fire and/or explosion do not breathe fumes. Risk of ignition. Do not direct water at source of leak or safety devices; icing may occur. In the event of fire, cool tanks with water spray. Keep product and empty container away from heat and sources of ignition.

### Explosion Data

**Sensitivity to Mechanical Impact** none.

**Sensitivity to Static Discharge** Yes.

### 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. Use shielding to protect fire-fighters from bursting containers. In the event of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use with adequate ventilation to keep the exposure levels below the OELS. Follow safe handling advice and personal protective equipment recommendations.

### Environmental precautions

**Environmental precautions** Vapors can accumulate in low areas. Report spills as required by local and federal regulations. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

### Methods and materials for containment and cleaning up

**Methods for Containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.

**Methods for cleaning up** Soak up with inert absorbent material. Contain liquid and collect with an inert, non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

**Incompatible products** Strong acids, alkalis, oxidizing agents.

**Aerosol Level** 3

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name              | ACGIH TLV                        | OSHA PEL  | NIOSH IDLH  |
|----------------------------|----------------------------------|---|---|
| HEPTANE<br>64742-49-0      | TLV: 400 ppm<br>STEL: 500 ppm    | TWA: 500 ppm  | -   |
| XYLENE<br>1330-20-7        | STEL: 150 ppm<br>TWA: 100 ppm    | TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m <sup>3</sup>   | Not Established   |
| ACETONE<br>67-64-1         | STEL: 500 ppm<br>TWA: 250 ppm    | TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m <sup>3</sup>  |
| CARBON DIOXIDE<br>124-38-9 | STEL: 30000 ppm<br>TWA: 5000 ppm | TWA: 5000 ppm<br>TWA: 9000 mg/m <sup>3</sup> (vacated) TWA: 10000 ppm (vacated) TWA: 18000 mg/m <sup>3</sup> (vacated) STEL: 30000 ppm (vacated) STEL: 54000 mg/m <sup>3</sup>  | IDLH: 40000 ppm<br>TWA: 5000 ppm<br>TWA: 9000 mg/m <sup>3</sup><br>STEL: 30000 ppm<br>STEL: 54000 mg/m <sup>3</sup> |
| TOLUENE<br>108-88-3        | TWA: 20 ppm                      | TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m <sup>3</sup> Ceiling: 300 ppm   | 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>         |
| ETHYL BENZENE<br>100-41-4  | TWA: 20 ppm                      | TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m <sup>3</sup>   | 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>         |

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Exposure controls

**Engineering Measures** Ventilation systems. Use adequate ventilation to keep the exposure levels below the occupational exposure limits. Showers. Eyewash stations. Showers, eyewash stations, and ventilation systems.

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

|                                 |   |
|---------------------------------|---|
| <b>Eye/Face Protection</b>      | Safety glasses with side-shields.   |
| <b>Skin and body protection</b> | Chemical resistant apron. Protective gloves.  |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.   |
| <b>Hygiene measures</b>         | Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Keep working clothes separately. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and safety practice. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Wash hands and face before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Avoid breathing vapors, mist or gas. Wear personal protective equipment. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

|  |                          |  |         |
|--|--------------------------|--|---------|
| Physical state                         | Aerosol                  | Odor   | Solvent |
| Appearance                             | Clear                    | Odor Threshold   |         |
| Color                                  | Colorless                |  |         |
| <u>Property</u>                        | <u>Values</u>            | <u>Remarks • Methods</u>                                 |         |
| pH                                     | No information available |  |         |
| Melting/freezing point                 | No information available |  |         |
| Boiling point/boiling range            |                          |  |         |
| Flash Point                            | -18_-17 °C / -0.40_-1 °F | Based on lowest flashpoint of the products constituents. |         |
| Evaporation rate                       | No information available |  |         |
| Flammability (solid, gas)              | No information available |  |         |
| Flammability Limits in Air             |                          |  |         |
| upper flammability limit               |                          |  |         |
| lower flammability limit               |                          |  |         |
| Vapor pressure                         |                          |  |         |
| Vapor density                          |                          |  |         |
| Specific Gravity                       | 0.758                    |  |         |
| Water solubility                       | Negligible               |  |         |
| Partition coefficient: n-octanol/water |                          |  |         |
| Autoignition temperature               | No information available |  |         |
| Decomposition temperature              |                          |  |         |
| Viscosity                              | No information available |  |         |
| Explosive properties                   |                          |  |         |
| <u>Other information</u>               |                          |  |         |
| VOC Content(%)                         | 83.75                    |  |         |

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under recommended storage conditions

### Chemical stability

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Strong acids, alkalis, oxidizing agents.

**Hazardous Decomposition Products**

Carbon oxides , Hydrocarbons, Fumes.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause respiratory irritation. May cause drowsiness or dizziness.         |
| <b>Eye contact</b>  | Causes serious eye irritation.   |
| <b>Skin contact</b> | Skin irritation may occur if person excessively exposes product to the skin. |
| <b>Ingestion</b>    | May be fatal if swallowed and enters airways.                                |

**Component Information**

| Chemical Name             | LD50 Oral            | LD50 Dermal              | LC50 Inhalation                       |
|---------------------------|----------------------|--------------------------|---------------------------------------|
| HEPTANE<br>64742-49-0     | > 5000 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit )  | = 73680 ppm ( Rat ) 4 h               |
| XYLENE<br>1330-20-7       | = 3500 mg/kg ( Rat ) | > 4350 mg/kg ( Rabbit )  | = 29.08 mg/L ( Rat ) 4 h              |
| ACETONE<br>67-64-1        | = 5800 mg/kg ( Rat ) | -                        | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h |
| TOLUENE<br>108-88-3       | = 2600 mg/kg ( Rat ) | = 12000 mg/kg ( Rabbit ) | = 12.5 mg/L ( Rat ) 4 h               |
| ETHYL BENZENE<br>100-41-4 | = 3500 mg/kg ( Rat ) | = 15400 mg/kg ( Rabbit ) | = 17.2 mg/L ( Rat ) 4 h               |

**Information on toxicological effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause respiratory irritation. May be fatal if swallowed and enters airways. |
|-----------------|--|

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

|                                  |   |
|----------------------------------|---|
| <b>Skin corrosion/irritation</b> | Under normal conditions there is no skin irritation. Excessive exposure of product with skin may cause skin irritation. |
| <b>Eye damage/irritation</b>     | Irritating to eyes.   |
| <b>Sensitization</b>             | Not a known sensitizer.   |
| <b>Germ Cell Mutagenicity</b>    | Not a germ cell mutagen.  |
| <b>Carcinogenicity</b>           | The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.                        |

| Chemical Name             | ACGIH | IARC     | NTP | OSHA |
|---------------------------|-------|----------|-----|------|
| XYLENE<br>1330-20-7       | -     | Group 3  | -   | -    |
| TOLUENE<br>108-88-3       | -     | Group 3  | -   | -    |
| ETHYL BENZENE<br>100-41-4 | A3    | Group 2B | -   | -    |

**IARC: (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

|  |  |
|--|--|
| <b>Reproductive toxicity</b>                                       | This product contains a chemical(s) which is a known or suspected reproductive hazard .  |
| <b>Specific target organ systemic toxicity (single exposure)</b>   | May cause respiratory irritation. May cause drowsiness or dizziness.   |
| <b>Specific target organ systemic toxicity (repeated exposure)</b> | No known effect based on information supplied.   |
| <b>Chronic toxicity</b>  | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. |
| <b>Target Organ Effects</b>  | Central nervous system (CNS), Respiratory System.  |
| <b>Neurological effects</b>  | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.  |
| <b>Aspiration hazard</b>   | May be fatal if swallowed and enters airways.  |

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

**The following values are calculated based on chapter 3.1 of the GHS document .**

|                                      |            |
|--------------------------------------|------------|
| <b>ATEmix (oral)</b>                 | 4556 mg/kg |
| <b>ATEmix (dermal)</b>               | 2302 mg/kg |
| <b>ATEmix (inhalation-dust/mist)</b> | 5.2 mg/l   |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

| Chemical Name       | Toxicity to algae | Toxicity to fish   | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates   |
|---------------------|-------------------|--|----------------------------|---|
| XYLENE<br>1330-20-7 | -                 | 13.4 mg/L LC50 Pimephales promelas 96h flow-through<br>2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static<br>13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h<br>13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through<br>19 mg/L LC50 Lepomis macrochirus 96h<br>7.711 - 9.591 mg/L LC50 Lepomis macrochirus 96h static<br>23.53 - 29.97 mg/L LC50 Pimephales promelas 96h static<br>780 mg/L LC50 Cyprinus carpio 96h semi-static<br>780 mg/L LC50 Cyprinus carpio 96h<br>30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static | -                          | 3.82 mg/L EC50 water flea<br>48h 0.6 mg/L LC50 Gammarus lacustris 48h                         |
| ACETONE<br>67-64-1  | -                 | 4.74 - 6.33 mL/L LC50 Oncorhynchus mykiss 96h<br>6210 - 8120 mg/L LC50 Pimephales promelas 96h static<br>8300 mg/L LC50 Lepomis macrochirus 96h  | -                          | 10294 - 17704 mg/L EC50 Daphnia magna 48h Static<br>12600 - 12700 mg/L EC50 Daphnia magna 48h |



|                           |  |  |   |  |
|---------------------------|--|--|---|--|
| TOLUENE<br>108-88-3       | 433 mg/L EC50<br>Pseudokirchneriella<br>subcapitata 96h 12.5 mg/L<br>EC50 Pseudokirchneriella<br>subcapitata 72h static  | 15.22 - 19.05 mg/L LC50<br>Pimephales promelas 96h<br>flow-through 12.6 mg/L LC50<br>Pimephales promelas 96h<br>static 5.89 - 7.81 mg/L LC50<br>Oncorhynchus mykiss 96h<br>flow-through 14.1 - 17.16<br>mg/L LC50 Oncorhynchus<br>mykiss 96h static 5.8 mg/L<br>LC50 Oncorhynchus mykiss<br>96h semi-static 11.0 - 15.0<br>mg/L LC50 Lepomis<br>macrochirus 96h static 54<br>mg/L LC50 Oryzias latipes<br>96h static 28.2 mg/L LC50<br>Poecilia reticulata 96h<br>semi-static 50.87 - 70.34<br>mg/L LC50 Poecilia<br>reticulata 96h static | - | 5.46 - 9.83 mg/L EC50<br>Daphnia magna 48h Static<br>11.5 mg/L EC50 Daphnia<br>magna 48h |
| ETHYL BENZENE<br>100-41-4 | 4.6 mg/L EC50<br>Pseudokirchneriella<br>subcapitata 72h 438 mg/L<br>EC50 Pseudokirchneriella<br>subcapitata 96h 2.6 - 11.3<br>mg/L EC50<br>Pseudokirchneriella<br>subcapitata 72h static 1.7 -<br>7.6 mg/L EC50<br>Pseudokirchneriella<br>subcapitata 96h static | 11.0 - 18.0 mg/L LC50<br>Oncorhynchus mykiss 96h<br>static 4.2 mg/L LC50<br>Oncorhynchus mykiss 96h<br>semi-static 7.55 - 11 mg/L<br>LC50 Pimephales promelas<br>96h flow-through 32 mg/L<br>LC50 Lepomis macrochirus<br>96h static 9.1 - 15.6 mg/L<br>LC50 Pimephales promelas<br>96h static 9.6 mg/L LC50<br>Poecilia reticulata 96h static  | - | 1.8 - 2.4 mg/L EC50<br>Daphnia magna 48h   |

**Persistence and degradability**

.

**Bioaccumulation**

| Chemical Name             | log Pow     |
|---------------------------|-------------|
| XYLENE<br>1330-20-7       | 2.77 - 3.15 |
| ACETONE<br>67-64-1        | -0.24       |
| TOLUENE<br>108-88-3       | 2.7         |
| ETHYL BENZENE<br>100-41-4 | 3.2         |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment****Waste Disposal Methods**

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations. Dispose of in accordance with federal, state, and local regulations. Dispose of contents/container in accordance with local regulation.

**Contaminated packaging**

Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

**DOT Ground**

CONSUMER COMMODITY ORM-D  
or  
LIMITED QUANTITY

**IATA**

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD.QTY.

**IMDG**

UN1950, AEROSOLS, 2.1, LTD.QTY

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name  | TSCA | DSL/NDSL | EINECS/ELI<br>NCS | ENCS       | IECSC | KECL | PICCS | AICS |
|----------------|------|----------|-------------------|------------|-------|------|-------|------|
| HEPTANE        | X    | X        | X                 | Not listed | X     | X    | X     | X    |
| XYLENE         | X    | X        | X                 | X          | X     | X    | X     | X    |
| ACETONE        | X    | X        | X                 | X          | X     | X    | X     | X    |
| CARBON DIOXIDE | X    | X        | X                 | X          | X     | X    | X     | X    |
| TOLUENE        | X    | X        | X                 | X          | X     | X    | X     | X    |
| ETHYL BENZENE  | X    | X        | X                 | X          | X     | X    | X     | X    |

### Legend:

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

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

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

**ENCS** - Japan Existing and New Chemical Substances

**CHINA** - 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

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name            | CAS-No    | Weight %* | SARA 313 - Threshold<br>Values % |
|--------------------------|-----------|-----------|----------------------------------|
| XYLENE - 1330-20-7       | 1330-20-7 | 20-30     | 1.0                              |
| TOLUENE - 108-88-3       | 108-88-3  | <1        | 1.0                              |
| ETHYL BENZENE - 100-41-4 | 100-41-4  | <0.1      | 0.1                              |

#### **SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Star Hazard</b>        | Yes |
| <b>Fire Hazard</b>                       | Yes |
| <b>Sudden Release of Pressure Hazard</b> | Yes |
| <b>Reactive Hazard</b>                   | No  |

**Clean Water Act**

This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name             | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| XYLENE<br>1330-20-7       | 100 lb                      |                        |                           | X                          |
| TOLUENE<br>108-88-3       | 1000 lb                     | X                      | X                         | X                          |
| ETHYL BENZENE<br>100-41-4 | 1000 lb                     | X                      | X                         | X                          |

**CERCLA**

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name             | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ   |
|---------------------------|--------------------------|------------------------------------|--|
| XYLENE<br>1330-20-7       | 100 lb                   |                                    | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ  |
| ACETONE<br>67-64-1        | 5000 lb                  |                                    | RQ 5000 lb final RQ<br>RQ 2270 kg final 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 |
| ETHYL BENZENE<br>100-41-4 | 1000 lb                  |                                    | RQ 1000 lb final RQ<br>RQ 454 kg final RQ  |

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:



This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

| Chemical Name            | California Prop. 65 |
|--------------------------|---------------------|
| TOLUENE - 108-88-3       | Developmental <1%   |
| ETHYL BENZENE - 100-41-4 | Cancer <0.1%        |

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

| Chemical Name              | New Jersey | Massachusetts | Pennsylvania |
|----------------------------|------------|---------------|--------------|
| XYLENE<br>1330-20-7        | X          | X             | X            |
| ACETONE<br>67-64-1         | X          |               | X            |
| CARBON DIOXIDE<br>124-38-9 | X          | X             | X            |
| TOLUENE<br>108-88-3        | X          | X             | X            |
| ETHYL BENZENE<br>100-41-4  | X          | X             | X            |

**EPA Pesticide Registration Number** Not applicable

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**WHMIS Hazard Class**

A Compressed gases  
B5 Flammable aerosol  
D2B Toxic materials

**16. OTHER INFORMATION**

|             |                  |                |                   |                                 |
|-------------|------------------|----------------|-------------------|---------------------------------|
| <b>NFPA</b> | Health Hazard 2  | Flammability 4 | Instability 0     | Physical and chemical hazards - |
| <b>HMIS</b> | Health Hazard 2* | Flammability 4 | Physical Hazard 1 | Personal protection B           |

**Chronic Hazard Star Legend**

*Chronic Health Star Hazard Repeated or prolonged exposure may cause central nervous system damage*

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**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**