

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

**Product identifier**

**Product Name:** INDUCTION SYSTEM CLEANER

**Other means of identification**

**Common Name:** 3300  
**UN/ID No** UN1993  
**Synonyms** None  
**Product Categories** Solvent Based Cleaner

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

**Sale and Use Restrictions** Not applicable  
**Recommended Use** Restricted to professional users.  
**Uses advised against** Consumer use

**Details of the supplier of the safety data sheet**

**Supplier Address**  
 ACEL, LLC.  
 6826 Hill Park Dr. Suite #100  
 Lorton, VA 22079

**Emergency telephone number**

**Company Phone Number** ACEL, LLC. (888) 801-2507  
**Emergency Telephone** CHEMTREC 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Vapors)	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Reproductive toxicity	Sub-category 1B
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**

<p><b>Danger</b></p> <p><b>Hazard statements</b>          Harmful in contact with skin          Toxic if inhaled          Causes skin irritation          Causes severe eye irritation          Suspected of causing cancer          May damage fertility or the unborn child          May cause respiratory irritation          May cause damage to organs through prolonged or repeated exposure</p>
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May be fatal if swallowed and enters airways  
Flammable liquid and vapor



**Appearance** Mobile

**Physical state** Liquid

**Odor** Solvent

**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  
Use only outdoors or in a well-ventilated area  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment (if metal)  
Use explosion-proof electrical/ventilating/lighting equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Keep cool

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention  
Specific measures (see prevention statements and warnings on this label)  
Specific treatment (see response statements below and Section 4 of the Safety Data Sheet)

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  
Call a POISON CONTROL CENTER or doctor/physician if you feel unwell  
If skin irritation occurs: Get medical advice/attention  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing  
Call a POISON CONTROL CENTER or doctor/physician  
IF SWALLOWED: Immediately call a POISON CONTROL CENTER or doctor/physician  
Do not induce vomiting  
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 dry place

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

**Other information**

- May be harmful if swallowed
- Very toxic to aquatic life with long lasting effects
- Very toxic to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %	Trade Secret
Xylene	1330-20-7	35-55	*
N-Methyl-2-Pyrrolidone	872-50-4	15-30	*
Diacetone Alcohol	123-42-2	5-10	*
Isopropyl Alcohol	67-63-0	5-10	*
Ethylbenzene	100-41-4	5-10	*
Petroleum distillates, hydrotreated light	64742-47-8	1-5	*
Cumene	98-82-8	0.1-1	*

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

### 4. FIRST AID MEASURES

#### First aid measures

<b>General advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Skin contact</b>	Take off contaminated clothing and shoes immediately. Immediately flush skin with plenty of water for at least 15 (30 or 60) minutes. Wash with plenty of soap and water. Thoroughly clean shoes before reuse. Wash contaminated clothing before reuse. Call a physician if irritation develops and persists.
<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Flush eyes with water for at least 15 minutes. Get medical attention if eye irritation develops or persists.
<b>Ingestion</b>	Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Call a physician or Poison Control Center immediately.
<b>Notes to Physician</b>	Aspiration hazard if swallowed - can enter lungs and cause damage. Symptoms may be delayed.

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

<b>Symptoms</b>	Drowsiness, Dizziness, Headache, Nausea, Respiratory irritation, Vomiting, Lowered blood pressure, Cough, Difficulty in breathing, Eye irritation, Skin irritation.
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#### Indication of any immediate medical attention and special treatment needed

<b>Self-protection of the first aider</b>	Avoid breathing vapors or mists. Avoid contact with skin. It may be dangerous to the person providing first aid to give mouth-to-mouth resuscitation.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media:

Use dry chemical, CO<sub>2</sub>, water spray (fog) or alcohol resistant foam.

<b>Small Fire</b>	Dry chemical or CO <sub>2</sub> .
<b>Large Fire</b>	Water spray or fog; Alcohol resistant foam.
<b>Explosive properties:</b>	Risk of explosion if heated under confinement. May form explosive mixtures in presence of oxidizing substances (gas/dust).

**Specific hazards arising from the chemical**

FLAMMABLE LIQUID AND VAPOR. The product causes irritation of eyes, skin and mucus membranes. Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Keep product and empty container away from heat and sources of ignition. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Runoff may create fire or explosion hazard.

**Hazardous combustion products** Aldehydes, Hydrocarbons, Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>).

**Specific methods:**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** Yes. May be ignited by heat, sparks or flames.

**Special firefighting procedures:**

FLAMMABLE LIQUID AND VAPOR. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. No action shall be taken involving any personal risk without suitable training. Evacuate surrounding areas. Water mist may be used to cool closed containers. Do not use a solid water stream as it may scatter and spread fire. Use fine water spray to reduce vapors; do not put water directly on point of material release from container. Dike to collect large liquid spills.

Component	ACGIH - test
Xylene 1330-20-7 ( 35-55 )	1.5
N-Methyl-2-Pyrrolidone 872-50-4 ( 15-30 )	100
Isopropyl Alcohol 67-63-0 ( 5-10 )	40
Ethylbenzene 100-41-4 ( 5-10 )	0.15

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions:** Keep people away from and upwind of spill/leak. Remove all sources of ignition. Ensure adequate ventilation. Pay attention to flashback. Use spark-proof tools and explosion-proof equipment. Use personal protective equipment. See Section 8 for information on appropriate personal protective equipment.

**For emergency responders** Use personal protection recommended in Section 8. Remove all sources of ignition. Ventilate the area. Pay attention to flashback. Be aware that gases can spread at ground level (heavier than air) and pay attention to the wind direction.

**Environmental precautions**

**Environmental precautions:** Avoid subsoil penetration. Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Water runoff can cause environmental damage. Local authorities should be advised if significant spillages cannot be contained.

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

**Methods for Containment** Remove all sources of ignition. Ventilate the area. Stop leak if you can do it without risk. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

**Methods for clean-up:** Clean-up methods - small spillage: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Ground and bond containers when transferring material. Large spills present a vapor explosion and liquid fire hazard; evacuate area and ensure response by personnel trained and equipped to respond to flammable material incident or off-site emergency responders or fire department.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling:** Protect from physical damage. Do not store at temperatures above 120°F (49°C). Avoid breathing vapors or mists. Keep containers tightly closed in a cool, well-ventilated place. Keep product and empty container away from heat and sources of ignition. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Empty containers retain product residue and can be hazardous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose these containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death.

### Conditions for safe storage, including any incompatibilities

**Technical measures/precautions:** Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Eye wash and safety shower should be easily accessible.

**Materials to avoid:** Chlorine, Oxidizing agents, Strong acids, Alkalis, Strong reducing agents, Strong bases, Amines.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Components	ACGIH TLV	OSHA Exposure Limits:	NIOSH IDLH
Xylene 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>	-
N-Methyl-2-Pyrrolidone 872-50-4	-	Not established	-
Diacetone Alcohol 123-42-2	TWA: 50 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>	IDLH: 1800 ppm TWA: 50 ppm TWA: 240 mg/m <sup>3</sup>
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>
Petroleum distillates, hydrotreated light 64742-47-8	-	Not established	-
Cumene 98-82-8	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m <sup>3</sup>	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering measures:** Mechanical ventilation required if used indoors on a continuous basis. Eye wash and safety shower should be easily accessible.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

<b>Skin and body protection</b>	Wear normal work clothing, Chemical resistant gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact: (consult with the specific manufacturer to confirm performance).
<b>Respiratory protection</b>	Not required under normal use. 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. A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant a respirator's use.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Use personal protective equipment as required. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing and wash it before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Solvent
<b>Appearance</b>	Mobile	<b>Odor threshold</b>	No information available
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	N/A	Not applicable
Melting point/freezing point	No information available	
Boiling point / boiling range	> 71 °C / 160 °F	(based on components)
Flash point	27 °C / 81 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate	Slower than ether	Slower than ether
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No Data Available	
Lower flammability limit	No Data Available	
Vapor pressure	No Data Available	
Vapor density	Heavier than air	
Specific Gravity	0.91	
Water solubility	Insoluble in water	
Solubility in other solvents	No Data Available	
Partition coefficient	No Data Available	
Autoignition temperature	No Data Available	
Decomposition temperature	No Data Available	
Kinematic viscosity	No information available	
Dynamic viscosity	No Data Available	
Explosive properties	No Data Available	
Oxidizing properties	No Data Available	

Other information

Softening point	No Data Available
Molecular weight	No Data Available
VOC Content (%)	
VOC Content (%)	99.0
Density	0.91 g/cc
Bulk density	No Data Available

**10. STABILITY AND REACTIVITY**

**Reactivity**

Reactivity Stable.

**Chemical stability**

**Possibility of Hazardous Reactions** May react with oxidizing agents  
**Hazardous polymerization** Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

**Materials to avoid:**

Chlorine, Oxidizing agents, Strong acids, Alkalis, Strong reducing agents, Strong bases, Amines.

**Hazardous Decomposition Products**

**Hazardous Decomposition Products** Aldehydes, Hydrocarbons, Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>).

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

Harmful in contact with skin. Toxic if inhaled. Causes skin irritation. Causes severe eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

**Inhalation**

Toxic by inhalation. Vapors may be irritating to eyes, nose, throat, and lungs. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

**Eye contact**

Causes severe eye irritation. Avoid contact with eyes.

**Skin Contact**

Harmful in contact with skin. Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause burns. May be absorbed through the skin in harmful amounts.

**Ingestion**

May be fatal if swallowed and enters airways. Aspiration may cause pulmonary edema and pneumonitis.

Components	Oral LD50	Dermal LD50	Inhalation LC50
Xylene 1330-20-7	= 3500 mg/kg ( Rat ) = 4820 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit ) > 2000 mg/kg ( Rabbit )	= 29.08 mg/L ( Rat ) 4 h > 5.04 mg/L ( Rat ) 4 h
N-Methyl-2-Pyrrolidone 872-50-4	= 3914 mg/kg ( Rat )	= 8 g/kg ( Rabbit )	= 3.1 mg/L ( Rat ) 4 h
Diacetone Alcohol 123-42-2	= 3002 mg/kg ( Rat )	> 1875 mg/l ( Rabbit )	> 7.6 mg/l 4h ( Rat )
Isopropyl Alcohol 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	= 72600 mg/m <sup>3</sup> ( Rat ) 4 h
Ethylbenzene 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
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Cumene 98-82-8	= 1400 mg/kg ( Rat )	= 12300 µL/kg ( Rabbit )	> 3577 ppm ( Rat ) 6 h

**Information on toxicological effects**

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

**Sensitization**

Skin Sensitization: Not expected. Respiratory Sensitization: Not classified.

**Mutagenic effects:** No data available to indicate product or any components present at or greater than 0.1% are mutagenic or genotoxic.  
**Carcinogenicity** Category 2: Substances that cause cancer in animals, and are considered to cause cancer in man. Category 3: Not Classifiable.

Components	ACGIH	IARC	NTP	OSHA
Xylene 1330-20-7		Group 3		
Isopropyl Alcohol 67-63-0		Group 3		
Ethylbenzene 100-41-4		Group 2B		
Cumene 98-82-8		Group 2B	Reasonably Anticipated	

**Reproductive toxicity** Product contains a chemical which is a known or suspected reproductive hazard: May cause harm to the unborn child: N-Methylpyrrolidone (CAS#872-50-4). Experiments have shown reproductive toxicity effects on laboratory animals.  
**STOT - single exposure** Category 3: Reproductive System, Respiratory system.  
**STOT - repeated exposure** Category 2; May cause damage to organs through prolonged or repeated exposure: Eyes, Skin, Central nervous system, Respiratory system.  
**Chronic toxicity** Xylene contains ethylbenzene: Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. Prolonged skin contact may defat the skin and produce dermatitis.  
**Subchronic toxicity** No information available.  
**Target Organ Effects** Kidney, Liver, Spleen, Adrenal gland, Thymus, Central nervous system, Testes, Reproductive System.  
**Neurological effects** Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.  
**Other adverse effects** May cause adverse effects on the bone marrow and blood-forming system.  
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

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

<b>ATEmix (oral)</b>	3445 mg/kg
<b>ATEmix (dermal)</b>	1810 mg/kg
<b>ATEmix (inhalation-dust/mist)</b>	2.6 mg/l
<b>ATEmix (inhalation-vapor)</b>	5 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chronic Aquatic Toxicity: Very toxic to aquatic life with long lasting effects. Acute Aquatic Toxicity: Very toxic to aquatic life.

1.37 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Components	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Xylene 1330-20-7	11: 72 h Pseudokirchneriella subcapitata mg/L EC50	13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661 - 4.093; 96 h Oncorhynchus mykiss mg/L LC50 static 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 23.53 - 29.97:		3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50



		96 h Pimephales promelas mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static		
N-Methyl-2-Pyrrolidone 872-50-4	500: 72 h Desmodemus subspicatus mg/L EC50	832: 96 h Lepomis macrochirus mg/L LC50 static 1072: 96 h Pimephales promelas mg/L LC50 static 1400: 96 h Poecilia reticulata mg/L LC50 static		4897: 48 h Daphnia magna mg/L EC50
Diacetone Alcohol 123-42-2		420: 96 h Lepomis macrochirus mg/L LC50 static 420: 96 h Lepomis macrochirus mg/L LC50		
Isopropyl Alcohol 67-63-0	1000: 96 h Desmodemus subspicatus mg/L EC50 1000: 72 h Desmodemus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50		13299: 48 h Daphnia magna mg/L EC50
Ethylbenzene 100-41-4	4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 11: 72 h Pseudokirchneriella subcapitata mg/L EC50	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 32: 96 h Lepomis macrochirus mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static		1.8 - 2.4: 48 h Daphnia magna mg/L EC50
Petroleum distillates, hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Cumene 98-82-8	2.6: 72 h Pseudokirchneriella subcapitata mg/L EC50	6.04 - 6.61: 96 h Pimephales promelas mg/L LC50 flow-through 4.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 2.7: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 5.1: 96 h Poecilia reticulata mg/L LC50 semi-static		0.6: 48 h Daphnia magna mg/L EC50 7.9 - 14.1: 48 h Daphnia magna mg/L EC50 Static

**Persistence and degradability**

This product contains components which may be persistent in the environment.

**Bioaccumulation**

Bioaccumulative potential.

Components	Partition coefficient
Xylene 1330-20-7	3.12-3.2

Diacetone Alcohol 123-42-2	1.03
Isopropyl Alcohol 67-63-0	0.05
Ethylbenzene 100-41-4	2.92

**Mobility:** The product is insoluble and floats on water

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging** Do not reuse container. Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**DOT**

**UN/ID No** UN1993  
**Proper Shipping Name:** Flammable liquids, n.o.s. (Xylene, Isopropyl Alcohol)  
**Hazard Class** 3  
**Packing Group:** III  
**Emergency Response Guide Number** 128

**IATA**

**UN/ID No** UN1993  
**Proper Shipping Name:** Flammable liquids, n.o.s. (Xylene, Isopropyl Alcohol)  
**Hazard Class** 3  
**Packing Group:** III

**IMDG**

**UN/ID No** UN1993  
**Proper Shipping Name:** Flammable liquids, n.o.s. (Xylene, Isopropyl Alcohol)  
**Hazard Class** 3  
**Packing Group:** III

**Limited quantity (LQ)** < 5 Liters

**15. REGULATORY INFORMATION**

**International Inventories**

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

**Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains 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:

Components	CAS Number	Weight %	SARA 313 - Threshold Values %
Xylene 1330-20-7	1330-20-7	35-55	1.0 % de minimis concentration
N-Methyl-2-Pyrrolidone 872-50-4	872-50-4	15-30	1.0 % de minimis concentration
Ethylbenzene 100-41-4	100-41-4	5-10	0.1 % de minimis concentration
Cumene 98-82-8	98-82-8	0.1-1	1.0 % de minimis concentration

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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).

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Components	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Xylene 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethylbenzene 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Cumene 98-82-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**State Regulations (RTK)**

**California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

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

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

**NFPA Rating**

**Health hazards** 2

**Flammability** 3

**Instability** 0

**Physical and Chemical Properties -**

**HMIS Rating**

**Health hazards** 2\*

**Flammability** 3

**Physical hazards** 0

**Personal protection** C

*Chronic Hazard Star Legend*

\* = Chronic Health Hazard

**Prepared by**

Environmental Health and Safety Department

**Issue Date**

02-17-2017

**Revision Date**

02-17-2017

**Revision Note**

Formula. The Emergency Overview has changed. SEE SECTION 2. This data sheet contains changes from the previous version

in section(s): 3, 4, 5, 6, 7, 8

**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 Safety Data Sheet**