2. HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>2</td>
</tr>
</tbody>
</table>
Specific target organ toxicity (single exposure) | Category 3
-----------------------------------------------|----------------
Flammable liquids | Category 2

**GHS Label elements, including precautionary statements**

**Emergency Overview**

<table>
<thead>
<tr>
<th><strong>Signal word</strong></th>
<th><strong>Danger</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Hazard Statements**
- Causes skin irritation
- Causes serious eye irritation
- May cause respiratory irritation. May cause drowsiness or dizziness
- Highly flammable liquid and vapor

**Appearance** Clear, colorless  **Physical state** Liquid  **Odor** Solvent

**Precautionary Statements - Prevention**
- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection
- Avoid breathing 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
- Keep cool
- Wear eye/face protection

**Precautionary Statements - Response**
Specific treatment (see supplemental first aid instructions on this label)

**Eyes**
- 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

**Skin**
- 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

**Inhalation**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor/physician if you feel unwell

**Fire**
- In case of fire: Use CO2, dry chemical, or foam for extinction
Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

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

Other information
Harmful to aquatic life with long lasting effects
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION
Exposure to chlorinated hydrocarbons, such as chloroform and trichloroethane, may increase toxic effects
INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS

Interactions with Other Chemicals
Use of alcoholic beverages may enhance toxic effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>Proprietary</td>
<td>60 - 100</td>
<td>*</td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td>Proprietary</td>
<td>10 - 30</td>
<td>*</td>
</tr>
</tbody>
</table>

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice
Show this safety data sheet to the doctor in attendance.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Skin contact
Get medical attention if irritation develops and persists. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

Ingestion
Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider
Ensure that medical personnel are aware of the material(s) involved, take
precautions to protect themselves and prevent spread of contamination.

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

**Most Important Symptoms and Effects**

Burning sensation.

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

Notes to Physician

Treat symptomatically.

---

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media**

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Vapors can form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

- **Uniform Fire Code**
  - Irritant: Liquid
  - Flammable Liquid: I-B

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

- **Sensitivity to Mechanical Impact**
  - No.

- **Sensitivity to Static Discharge**
  - Yes.

**Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk.
### 6. ACCIDENTAL RELEASE MEASURES

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

<table>
<thead>
<tr>
<th>Personal precautions</th>
<th>ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Information</td>
<td>Water spray may reduce vapor; but may not prevent ignition in closed spaces.</td>
</tr>
</tbody>
</table>

#### Environmental precautions

| Environmental precautions | Prevent entry into waterways, sewers, basements or confined areas.                                                                 |

#### Methods and material for containment and cleaning up

<table>
<thead>
<tr>
<th>Methods for containment</th>
<th>A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methods for cleaning up</td>
<td>Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.</td>
</tr>
</tbody>
</table>

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

| Handling | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. |

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

<table>
<thead>
<tr>
<th>Storage</th>
<th>Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.</th>
</tr>
</thead>
</table>

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Exposure Guidelines

---

Page 5/12
### Chemical Name

<table>
<thead>
<tr>
<th></th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>STEL: 750 ppm, TWA: 500 ppm</td>
<td>TWA: 1000 ppm, TWA: 2400 mg/m³, (vacated) TWA: 750 ppm, (vacated) TWA: 1800 mg/m³, (vacated) STEL: 2400 mg/m³</td>
<td>IDLH: 2500 ppm 10% LEL, TWA: 250 ppm, TWA: 590 mg/m³</td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td>TWA: 2.5 mg/m³ F</td>
<td>TWA: 2.5 mg/m³ F, TWA: 2.5 mg/m³ dust, (vacated) TWA: 2.5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value  
OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits  
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) See section 15 for national exposure control parameters

### Appropriate engineering controls

**Engineering Measures**

- Showers
- Eyewash stations
- Ventilation systems

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

- **Eye/face protection**: None required for consumer use. If splashes are likely to occur:. Tight sealing safety goggles.
- **Skin and body protection**: Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves. Chemical resistant apron. Antistatic boots.
- **Respiratory protection**: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
- **Hygiene Measures**: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical state</strong></td>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Clear, colorless</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Solvent</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>No information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>UNKNOWN</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td><strong>Melting / freezing point</strong></td>
<td>No data available</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td><strong>Boiling point / boiling range</strong></td>
<td>56 °C / 133 °F</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>0 F</td>
<td></td>
<td>None known</td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>No data available</td>
<td></td>
<td>None known</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to avoid
Heat, flames and sparks.

Incompatible materials

Hazardous Decomposition Products
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
Specific test data for the substance or mixture is not available.

Inhalation
Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

Eye contact
Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching, and pain. May cause temporary eye irritation.

Skin contact
Specific test data for the substance or mixture is not available. Expected to be an irritant.
based on components. Irritating to skin. Prolonged contact may cause redness and irritation.

**Ingestion**
Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>-</td>
<td>-</td>
<td>= 50100 mg/m³ (Rat) 8 h</td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td>= 13 g/kg (Rat)</td>
<td>&gt; 2 mL/kg (Rabbit)</td>
<td>= 33 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

**Information on toxicological effects**

**Symptoms**
Erythema (skin redness). May cause redness and tearing of the eyes.

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

**Sensitization**
No information available.

**Mutagenic Effects**
No information available.

**Carcinogenicity**
Contains no ingredient listed as a carcinogen.

**Reproductive toxicity**
No information available.

**STOT - single exposure**
No information available.

**STOT - repeated exposure**
No information available.

**Chronic Toxicity**
No known effect based on information supplied.

**Target Organ Effects**

**Aspiration Hazard**
No information available.

**Numerical measures of toxicity**

**Product Information**

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

ATEmix (oral)
56,399.00 mg/kg

ATEmix (inhalation-dust/mist)
68.00 mg/l
12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>96h LC50: 4.74 - 6.33 mL/L (Oncorhynchus mykiss) 96h LC50: 6210 - 8120 mg/L (Pimephales promelas) 96h LC50: 8300 mg/L (Lepomis macrochirus)</td>
<td>EC50 = 14500 mg/L 15 min</td>
<td>48h EC50: 10294 - 17704 mg/L 48h EC50: 12600 - 12700 mg/L</td>
<td></td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td>48h LC50: 11.5 - 15.8 mg/L (Lepomis macrochirus)</td>
<td>EC50 = 11.1 mg/L 5 min 48h EC50: = 3.68 mg/L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability
No information available.

Bioaccumulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>-0.24</td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td>3.7</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging
Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number
D001

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td></td>
<td>Included in waste stream: F039</td>
<td></td>
<td>U002</td>
</tr>
</tbody>
</table>

This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>Ignitable</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
<table>
<thead>
<tr>
<th>System</th>
<th>UN-No.</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-1090</td>
<td></td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II</td>
</tr>
<tr>
<td>TDG</td>
<td>UN1090</td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II, MARINE POLLUTANT</td>
</tr>
<tr>
<td>MEX</td>
<td>UN1090</td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II</td>
</tr>
<tr>
<td>ICAO</td>
<td>UN1090</td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II</td>
</tr>
<tr>
<td>IATA</td>
<td>UN1090</td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II</td>
</tr>
<tr>
<td>IMDG/IMO</td>
<td>UN1090</td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II, (0°C C.C.), MARINE POLLUTANT</td>
</tr>
<tr>
<td>RID</td>
<td>UN1090</td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II</td>
</tr>
<tr>
<td>ADR</td>
<td>UN1090</td>
<td>ACETONE</td>
<td>3</td>
<td>II</td>
<td>UN1090, ACETONE, 3, II</td>
</tr>
</tbody>
</table>
ADN
UN-No. UN1090
Proper Shipping Name ACETONE
Hazard Class 3
Packing Group II
Classification code F1
Description UN1090, ACETONE, 3, II
Hazard Labels 3
Limited Quantity 1 L
Ventilation VE01

15. REGULATORY INFORMATION

International Inventories
TSCA Complies
DSL All components are listed either on the DSL or NDSL.
IECSC -

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

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

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Fire Hazard</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RQ 2270 kg final RQ</td>
<td></td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier Trade Secret</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## International Regulations

### Mexico

**National occupational exposure limits**

<table>
<thead>
<tr>
<th>Component</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
</table>
| Supplier Trade Secret (60 - 100) | | Mexico: TWA= 1000 ppm  
Mexico: TWA= 2400 mg/m³  
Mexico: STEL= 1260 ppm  
Mexico: STEL= 3000 mg/m³ |

---

### Canada

**WHMIS Hazard Class**
- B2 - Flammable liquid
- D2B - Toxic materials

---

## 16. OTHER INFORMATION

### NFPA
- Health Hazards: 2
- Flammability: 3
- Instability: 0
- Physical and Chemical Hazards: -

### HMIS
- Health Hazards: 2
- Flammability: 3
- Physical Hazard: 0
- Personal Protection: X

---

**Prepared By**
Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date**
05-May-2015

**Revision Date**
05-May-2015

**Revision Note**
No information available

---

**Disclaimer**
The information provided in this 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**