SAFETY DATA SHEET

1. Identification

Product identifier EXPRESS HS CLEAR ACTIVATOR

Other means of identification

Product Code HT-7151-4

Recommended use Automotive Refinish Hardener/Activator

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name: High Teck Products
Address: P. O. Box 24631
West Palm Beach, FL 33416
United States

Telephone: General Assistance 877-900-8235
E-mail: info@highteckproducts.com
Contact person: SDS Coordinator
Emergency phone number: CHEMTREC 800-424-9300

2. Hazard(s) identification

Physical hazards

Flammable liquids Category 2
Acute toxicity, dermal Category 4
Acute toxicity, inhalation Category 3
Serious eye damage/eye irritation Category 2B
Sensitization, respiratory Category 1
Sensitization, skin Category 1
Germ cell mutagenicity Category 1B
Carcinogenicity Category 1B
Reproductive toxicity Category 1B

Health hazards

Hazardous to the aquatic environment, acute hazard Category 3
Hazardous to the aquatic environment, long-term hazard Category 3

Environmental hazards

Not classified.

OSHA defined hazards

Precautionary statement

Signal word Danger
Hazard statement Highly flammable liquid and vapor. Harmful in contact with skin. May cause an allergic skin reaction. Causes eye irritation. Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.
### Response

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a poison center/doctor. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.

### Storage


### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations. Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

### Supplemental information

94.93% of the mixture consists of component(s) of unknown acute dermal toxicity. 36.78% of the mixture consists of component(s) of unknown acute inhalation toxicity. 78.39% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 77.96% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

### 3. Composition/information on ingredients

#### Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>homopolymer of HDI</td>
<td></td>
<td>28182-81-2</td>
<td>40 to &lt;50</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td></td>
<td>123-86-4</td>
<td>10 to &lt;20</td>
</tr>
<tr>
<td>light aromatic solvent naphtha</td>
<td></td>
<td>64742-95-6</td>
<td>5 to &lt;10</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td></td>
<td>95-63-6</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>Mesitylene</td>
<td></td>
<td>108-67-8</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>Cumene</td>
<td></td>
<td>98-82-8</td>
<td>0.1 to &lt;1</td>
</tr>
<tr>
<td>Dibutyltin dilaurate</td>
<td></td>
<td>77-58-7</td>
<td>0.1 to &lt;1</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td></td>
<td>30 to &lt;40</td>
<td></td>
</tr>
</tbody>
</table>

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

#### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

#### Ingestion

Rinse mouth. Get medical advice/attention if you feel unwell.

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

Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.

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

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

#### General information

Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Alcohol resistant foam. Water fog. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

#### Unsuitable extinguishing media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

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**Material name:** EXPRESS HS CLEAR ACTIVATOR  
**Version #:** 01  
**Issue date:** 04-25-2015
| **Specific hazards arising from the chemical** | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed. |
| **Special protective equipment and precautions for firefighters** | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| **Fire fighting equipment/instructions** | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. |
| **Specific methods** | Use standard firefighting procedures and consider the hazards of other involved materials. |
| **General fire hazards** | Highly flammable liquid and vapor. |

### 6. Accidental release measures

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

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

#### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

- **Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.
- **Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

#### Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. Use appropriate containment to avoid environmental contamination.

### 7. Handling and storage

#### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".
Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene (CAS 98-82-8)</td>
<td>PEL</td>
<td>245 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 ppm</td>
</tr>
<tr>
<td>Dibutyltin dilaurate (CAS 77-58-7)</td>
<td>PEL</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>n-butyl acetate (CAS 123-86-4)</td>
<td>PEL</td>
<td>710 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-Trimethylbenzene (CAS 95-63-6)</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<tr>
<td>Cumene (CAS 98-82-8)</td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Dibutyltin dilaurate (CAS 77-58-7)</td>
<td>STEL</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td>Mesitylene (CAS 108-67-8)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>n-butyl acetate (CAS 123-86-4)</td>
<td>STEL</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Mesitylene (CAS 108-67-8)</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<tr>
<td>n-butyl acetate (CAS 123-86-4)</td>
<td>TWA</td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

**US. NIOSH: Pocket Guide to Chemical Hazards**

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-Trimethylbenzene (CAS 95-63-6)</td>
<td>TWA</td>
<td>125 mg/m³</td>
</tr>
<tr>
<td>Cumene (CAS 98-82-8)</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<tr>
<td>Dibutyltin dilaurate (CAS 77-58-7)</td>
<td>TWA</td>
<td>245 mg/m³</td>
</tr>
<tr>
<td>Mesitylene (CAS 108-67-8)</td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Dibutyltin dilaurate (CAS 77-58-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>Mesitylene (CAS 108-67-8)</td>
<td>TWA</td>
<td>125 mg/m³</td>
</tr>
<tr>
<td>n-butyl acetate (CAS 123-86-4)</td>
<td>STEL</td>
<td>25 ppm</td>
</tr>
<tr>
<td>n-butyl acetate (CAS 123-86-4)</td>
<td>TWA</td>
<td>950 mg/m³</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>710 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150 ppm</td>
</tr>
</tbody>
</table>

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**

**US - California OELs: Skin designation**

Cumene (CAS 98-82-8) Can be absorbed through the skin.

Dibutyltin dilaurate (CAS 77-58-7) Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

Cumene (CAS 98-82-8) Skin designation applies.

Dibutyltin dilaurate (CAS 77-58-7) Skin designation applies.

**US - Tennessee OELs: Skin designation**

Cumene (CAS 98-82-8) Can be absorbed through the skin.

Dibutyltin dilaurate (CAS 77-58-7) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Dibutyltin dilaurate (CAS 77-58-7) Can be absorbed through the skin.
US NIOSH Pocket Guide to Chemical Hazards: Skin designation
Cumene (CAS 98-82-8) Can be absorbed through the skin.
Dibutyltin dilaurate (CAS 77-58-7) Can be absorbed through the skin.
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Cumene (CAS 98-82-8) Can be absorbed through the skin.

Appropriate engineering controls
Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment
Eye/face protection
Wear safety glasses with side shields (or goggles).
Skin protection
Hand protection
Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other
Wear appropriate chemical resistant clothing.
Respiratory protection
Wear positive pressure self-contained breathing apparatus (SCBA).
Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance
Physical state Liquid.
Form Liquid.
Color Clear colorless or nearly colorless
Odor Solvent.
Odor threshold Not available.
pH Not available.
Melting point/freezing point -108.4 °F (-78 °C) estimated
Initial boiling point and boiling range 258.98 °F (126.1 °C) estimated
Flash point 71.6 °F (22.0 °C) estimated
Evaporation rate Not available.
Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits
Flammability limit - lower (%) 1.4 % estimated
Flammability limit - upper (%) 7.5 % estimated
Explosive limit - lower (%) Not available.
Explosive limit - upper (%) Not available.

Vapor pressure 15.33 hPa estimated
Vapor density Not available.
Relative density Not available.
Solubility(ies)
Solubility (water) Not available.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature 797 °F (425 °C) estimated
Decomposition temperature Not available.
10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials
Nitrates.

Hazardous decomposition products
No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation
Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin contact
Harmful in contact with skin. May cause an allergic skin reaction.

Eye contact
Causes eye irritation.

Ingestion
Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics
Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity
Toxic if inhaled. Harmful in contact with skin. May cause an allergic skin reaction.

Components

Material name: EXPRESS HS CLEAR ACTIVATOR
HT-7151-4    Version #: 01    Issue date: 04-25-2015

<table>
<thead>
<tr>
<th>Component</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-Trimethylbenzene (CAS 95-63-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Dermal LD50</td>
<td>Rabbit</td>
<td>&gt; 3160 mg/kg</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>Rat</td>
<td>&gt; 2000 ppm, 48 Hours</td>
</tr>
<tr>
<td>Oral LD50</td>
<td>Rat</td>
<td>6 g/kg</td>
</tr>
<tr>
<td>Cumene (CAS 98-82-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Inhalation LC50</td>
<td>Mouse</td>
<td>2000 ppm, 7 Hours</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>24.7 mg/l, 2 Hours</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>8000 ppm, 4 Hours</td>
</tr>
<tr>
<td>Oral LD50</td>
<td>Rat</td>
<td>1400 mg/kg</td>
</tr>
</tbody>
</table>
## Components

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibutyltin dilaurate (CAS 77-58-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>175 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mesitylene (CAS 108-67-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>8970 mg/kg</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-butyl acetate (CAS 123-86-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Wistar rat</td>
<td>160 mg/l, 4 Hours</td>
</tr>
<tr>
<td>LD50</td>
<td></td>
<td>14000 mg/kg</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation**
Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation**
Causes eye irritation.

**Respiratory or skin sensitization**

- **Respiratory sensitization**
  May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- **Skin sensitization**
  May cause an allergic skin reaction.
- **Germ cell mutagenicity**
  May cause genetic defects.
- **Carcinogenicity**
  May cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**
Cumene (CAS 98-82-8) 2B Possibly carcinogenic to humans.

Not listed.

**Reproductive toxicity**
May damage fertility or the unborn child.

**Specific target organ toxicity - single exposure**
Not classified.

**Specific target organ toxicity - repeated exposure**
Not classified.

**Aspiration hazard**
Not an aspiration hazard.

**Chronic effects**
Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

### 12. Ecological information

**Ecotoxicity**
Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-Trimethylbenzene (CAS 95-63-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fathead minnow (Pimephales promelas) 7.19 - 8.28 mg/l, 96 hours</td>
</tr>
<tr>
<td>Cumene (CAS 98-82-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Brine shrimp (Artemia sp.) 3.55 - 11.29 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Rainbow trout,donaldson trout (Oncorhynchus mykiss) 2.7 mg/l, 96 hours</td>
</tr>
<tr>
<td>Mesitylene (CAS 108-67-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Goldfish (Carassius auratus) 9.89 - 15.05 mg/l, 96 hours</td>
</tr>
</tbody>
</table>
Components Test Results

n-butyl acetate (CAS 123-86-4)

Aquatic
Fish LC50 Fathead minnow (Pimephales promelas) 17 - 19 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

<table>
<thead>
<tr>
<th>Compound</th>
<th>log Kow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumene</td>
<td>3.66</td>
</tr>
<tr>
<td>Dibutyltin dilaurate</td>
<td>3.12</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>1.78</td>
</tr>
</tbody>
</table>

Mobility in soil
No data available.

Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations
Dispose in accordance with all applicable regulations.

Hazardous waste code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number       UN1263
UN proper shipping name Paint, Paint Related Material
Transport hazard class(es)
Class         3
Subsidiary risk -
Label(s)      3
Packing group II
Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.
Special provisions IB2, T7, TP1, TP8, TP28
Packaging exceptions 150
Packaging non bulk 202
Packaging bulk     242

IATA

UN number       UN1263
UN proper shipping name Paint, Paint Related Material
Transport hazard class(es)
Class         3
Subsidiary risk -
Packing group II
Environmental hazards No.
ERG Code       3H
Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.
Other information
Passenger and cargo aircraft Allowed.
Cargo aircraft only Allowed.
IMDG

UN number UN1263
UN proper shipping name Paint, Paint Related Material
Transport hazard class(es)
  Class 3
  Subsidiary risk -
  Packing group II
Environmental hazards
  Marine pollutant No.
EmS F-E, S-E

Special precautions for user
Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

DOT

IATA; IMDG

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
  All components are on the U.S. EPA TSCA Inventory List.
  TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
    Not regulated.
  CERCLA Hazardous Substance List (40 CFR 302.4)
    Cumene (CAS 98-82-8) Listed.
    n-butyl acetate (CAS 123-86-4) Listed.
  SARA 304 Emergency release notification
    Not regulated.
  OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
    Not listed.
  Superfund Amendments and Reauthorization Act of 1986 (SARA)
    Hazard categories
      Immediate Hazard - Yes
      Delayed Hazard - Yes
      Fire Hazard - Yes
      Pressure Hazard - No
      Reactivity Hazard - No
    SARA 302 Extremely hazardous substance
      Not listed.
**SARA 311/312 Hazardous chemical**  
No

**SARA 313 (TRI reporting)**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>95-63-6</td>
<td>1 to &lt;5</td>
</tr>
<tr>
<td>Cumene</td>
<td>98-82-8</td>
<td>0.1 to &lt;1</td>
</tr>
</tbody>
</table>

**Other federal regulations**

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Cumene (CAS 98-82-8)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

**US state regulations**

**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Cumene (CAS 98-82-8)  
light aromatic solvent naphtha (CAS 64742-95-6)  
Mesitylene (CAS 108-67-8)

**US. Massachusetts RTK - Substance List**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Cumene (CAS 98-82-8)  
Mesitylene (CAS 108-67-8)  
n-butyl acetate (CAS 123-86-4)

**US. New Jersey Worker and Community Right-to-Know Act**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Cumene (CAS 98-82-8)  
Mesitylene (CAS 108-67-8)  
n-butyl acetate (CAS 123-86-4)

**US. Pennsylvania Worker and Community Right-to-Know Law**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Cumene (CAS 98-82-8)  
Mesitylene (CAS 108-67-8)  
n-butyl acetate (CAS 123-86-4)

**US. Rhode Island RTK**

1,2,4-Trimethylbenzene (CAS 95-63-6)  
Cumene (CAS 98-82-8)  
n-butyl acetate (CAS 123-86-4)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Cumene (CAS 98-82-8) Listed: April 6, 2010

**International Inventories**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
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<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
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<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
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<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
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<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>-------------------------------------------------------</td>
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<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
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<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

<table>
<thead>
<tr>
<th>Issue date</th>
<th>04-25-2015</th>
</tr>
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<tbody>
<tr>
<td>Version #</td>
<td>01</td>
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</tbody>
</table>

**HMIS® ratings**
- Health: 3*
- Flammability: 3
- Physical hazard: 0

**NFPA ratings**
- Health: 3
- Flammability: 3
- Instability: 0

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