1. IDENTIFICATION

Product identifier
Product Code 1430-0901A
Product Name PROPOLYMER WHITE

Other means of identification
Common Name SERIES 1430, PART A
UN/ID no. 1263
Synonyms None

Recommended use of the chemical and restrictions on use
Recommended Use industrial paint.
Uses advised against Consumer use, For professional use only. Not for residential use.

Details of the supplier of the safety data sheet
Manufacturer Address Tnemec Company, Inc. 6800 Corporate Drive, Kansas City, MO 64120-1372 816-474-3400
Emergency telephone number
Company Phone Number Tnemec Regulatory Dept: 816-474-3400
24 Hour Emergency Phone Number 800-535-5053 (Infotrac)

2. HAZARDS IDENTIFICATION

Classification

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

<table>
<thead>
<tr>
<th>Acute toxicity - Oral</th>
<th>Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation</td>
<td>Category 4</td>
</tr>
<tr>
<td>(Dusts/Mists)</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 2</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 1</td>
</tr>
<tr>
<td>Flammable Liquids</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer
Causes damage to organs through prolonged or repeated exposure
Flammable liquid and vapor
Precautionary Statements

Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
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
Use only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof electrical/ventilating/lighting/mixing/equipment

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 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 victim to fresh air and keep at rest in a position comfortable for breathing
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
In case of fire: Use CO2, dry chemical, or foam for extinction

Storage
Store locked up
Store in a well-ventilated place. Keep cool
Keep away from children

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

Hazards not otherwise classified (HNOC)
If product is in liquid or paste form, physical or health hazards listed related to dust are not considered significant. However, product may contain substances that could be potential hazards if caused to become airborne due to grinding, sanding or other abrasive processes.

Other information
SEE SAFETY DATA SHEET
Very toxic to aquatic life with long lasting effects
Acute Toxicity 55 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>VINYL ESTER RESIN</td>
<td>-</td>
<td>30 - &lt;60%</td>
</tr>
</tbody>
</table>
**4. FIRST AID MEASURES**

**Description of first aid measures**

**General advice**
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If symptoms persist, call a physician.

**Eye contact**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin contact**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

**Inhalation**
Remove to fresh air. Call a physician immediately. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.

**Ingestion**
Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

**Self-protection of the first aider**
Remove all sources of ignition. Use personal protective equipment. Avoid contact with eyes, skin and clothing.

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

**Most important symptoms and effects**
May cause redness and tearing of the eyes. Coughing and / or wheezing. May cause skin and eye irritation. May cause drowsiness or dizziness.

**Notes to physician**
Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide. Foam. Water spray. Cover with dry sand/earth.

**Unsuitable extinguishing media**
Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**
Flammable liquid. Thermal decomposition can lead to release of irritating gases and vapours.

**Hazardous combustion products**
Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon dioxide.

**Impact sensitivity**
No.

**Sensitivity to Static Discharge**
May be ignited by heat, sparks or flames.
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. Burning produces obnoxious and toxic fumes. Avoid run off to waterways and sewers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment. Keep people away from and upwind of spill/leak.

Environmental Precautions

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment
Remove all sources of ignition. Spills may be collected with inert, absorbent material for proper disposal. Use non-sparking tools, protective gloves, goggles and clothing, adequate ventilation, avoid the breathing of vapors and use respiratory protective devices. Transfer absorbent material to suitable containers for proper disposal.

Methods for cleaning up
Pick up and transfer to properly labelled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Precautions for safe handling

Handling
Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Use with local exhaust ventilation. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage
Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container tightly closed in a dry and well-ventilated place.

Incompatible products
Incompatible with strong acids and bases. Incompatible with oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>TWA: 20 ppm</td>
<td>TWA: 50 ppm</td>
<td>700 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL: 40 ppm</td>
<td>STEL: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 425 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ceiling: 200 ppm</td>
<td></td>
</tr>
<tr>
<td>MICA (RESPIRABLE DUST) 12001-26-2</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 3 mg/m³</td>
<td>1500 mg/m³</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (TOTAL DUST)</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>5000 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 15 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>
1430-0901A PROPOLYMER WHITE

<table>
<thead>
<tr>
<th></th>
<th>TWA: 0.025 mg/m³</th>
<th>TWA: 0.1 mg/m³</th>
<th>TWA: 50 µg/m³</th>
<th>50 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRSTALLINE SILICA (QUARTZ) 14808-60-7</td>
<td></td>
<td>TWA: 0.1 mg/m³</td>
<td>TWA: 50 µg/m³</td>
<td>50 mg/m³</td>
</tr>
<tr>
<td>ZIRCONIUM OXIDE 1314-23-4</td>
<td>TWA: 5 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend

NIOSH IDLH: Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering measures

Sufficient ventilation, in volume and pattern, should be provided through both local and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure Limits (PEL) and ACGIH's Threshold Limit Values (TLV). Appropriate ventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product. Provide readily accessible eye wash stations and safety showers.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly fitting safety goggles

Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection

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.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust created by cutting, sanding, or grinding. When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td>Odor</td>
</tr>
<tr>
<td>Appearance</td>
<td>paste</td>
<td>Odor threshold</td>
</tr>
<tr>
<td>Color</td>
<td>pigmented</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt; 145 °C / 293 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>26.11 °C / 79.00 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt; 1</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>1.1%</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>6.6%</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>0.57 kPa</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt;1</td>
<td></td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.291176</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble in cold water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>&gt;1000 mm2/s</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Other Information

Density
10.7555 lbs/gal

Volatile organic compounds (VOC) content
.035 lbs/gal

Total volatiles weight percent
.3312 % (nominal)

Total volatiles volume percent
.5279 % (nominal)

Bulk density
No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Hazardous polymerization
Hazardous polymerization may occur.

Conditions to avoid
Heat, flames and sparks.

Incompatible materials
Incompatible with strong acids and bases, Incompatible with oxidizing agents

Hazardous decomposition products
Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon dioxide. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation
May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. May cause irritation of respiratory tract. Harmful if inhaled.

Eye contact
Irritating to eyes.

Skin contact
Irritating to skin.

Ingestion
Harmful if swallowed.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LD50 Oral (mg/kg)</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>1000 (Rat)</td>
<td>-</td>
<td>11.7 (Rat) 4 h</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7</td>
<td>&gt; 10000 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SYNTHETIC AMORPHOUS PYROGENIC SILICA 112945-52-5</td>
<td>3160 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>COBALT NAPHTHANATE 61789-51-3</td>
<td>3900 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritating to eyes and skin.
Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Chronic Toxicity**
Avoid repeated exposure. May cause adverse liver effects. Contains a known or suspected carcinogen.

**Sensitization**
No information available.

**Mutagenicity**
No information available.

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>Group 2A</td>
<td></td>
<td>Reasonably Anticipated</td>
<td>X</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7</td>
<td>Group 2B</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>SYNTHETIC AMORPHOUS PYROGENIC SILICA 112945-62-5</td>
<td>Group 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COBALT NAPHTHANATE 61789-51-3</td>
<td>Group 2B</td>
<td></td>
<td>Reasonably Anticipated</td>
<td>X</td>
</tr>
<tr>
<td>CRYSSTALLINE SILICA (QUARTZ) 14808-60-7</td>
<td>A2</td>
<td>Group 1</td>
<td>Known</td>
<td></td>
</tr>
</tbody>
</table>

**Legend:**
- IARC: (International Agency for Research on Cancer)
  - Group 2B - Possibly Carcinogenic to Humans
- NTP: (National Toxicity Program)
  - Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
- OSHA: (Occupational Safety & Health Administration)
  - X - Present

**Reproductive effects**
No information available.

**STOT - single exposure**
Not classified

**STOT - repeated exposure**
Causes damage to organs through prolonged or repeated exposure

**Target organ effects**
respiratory system, Central nervous system, liver, Eyes, Lungs, Reproductive System, Skin, kidney.

**Aspiration hazard**
No information available.

**Acute Toxicity**
55 % of the mixture consists of ingredient(s) of unknown toxicity.

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

- ATEmix (oral) 1250 mg/kg
- ATEmix (inhalation-dust/mist) 1.93 mg/l

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Very toxic to aquatic life with long lasting effects

65.0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>1.4: 72 h Pseudokirchneriella subcapitata mg/L EC50 0.72: 96 h</td>
<td>3.24 - 4.99: 96 h Pimephales promelas mg/L LC50 flow-through</td>
<td>3.3 - 7.4: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td></td>
<td>1.4: 72 h Pseudokirchneriella subcapitata mg/L EC50 0.46 - 4.3: 72 h</td>
<td>19.03 - 33.53: 96 h Lepomis macrochirus mg/L LC50 static 6.75 - 14.5: 96 h Pimephales promelas mg/L LC50 static 58.75 - 95.32: 96 h Poecilia reticulata mg/L LC50 static</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.4: 72 h Pseudokirchneriella subcapitata mg/L EC50 0.15 - 3.2: 96 h</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No information available.

**Bioaccumulation**
No information available.

**Mobility in Environmental Media**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>log Pow</th>
</tr>
</thead>
</table>

---

Page 7 / 10
**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal Methods**
It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

**Contaminated packaging**
Empty containers should be taken to an approved waste handling site for recycling or disposal.

<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>METHANOL 67-56-1</td>
<td></td>
<td>Included in waste stream:</td>
<td>F039</td>
<td>U154</td>
</tr>
</tbody>
</table>

**California Hazardous Waste Status**
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>CAWAST</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>Toxic</td>
</tr>
<tr>
<td>COBALT NAPHTHANATE 61789-51-3</td>
<td>Ignitable</td>
</tr>
</tbody>
</table>

**14. TRANSPORT INFORMATION**

**DOT**

UN/ID no. 1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III
Emergency Response Guide Number 128

**IATA**

UN/ID no. 1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III
ERG Code 128

**IMDG/IMO**

UN/ID no. 1263
Proper Shipping Name PAINT
Hazard Class 3
Packing Group III
EmS No. F-E,S-E,FP 27°

**Additional information**
Call TNEMEC Traffic Department - 816-474-3400 for additional information or other modes of Transportation.

**15. REGULATORY INFORMATION**

**International Inventories**
TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>HAPS Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE</td>
<td></td>
</tr>
<tr>
<td>COBALT NAPHTHANATE</td>
<td></td>
</tr>
</tbody>
</table>

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 and Title 40n of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>SARA 313 - Threshold Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE - 100-42-5</td>
<td>0.1</td>
</tr>
<tr>
<td>FELDSPAR - 68476-25-5</td>
<td>1.0</td>
</tr>
<tr>
<td>COBALT NAPHTHANATE - 61789-51-3</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous

<table>
<thead>
<tr>
<th>Categorization</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

Clean Water Act
The following chemicals are listed under the Clean Water Act:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>1000 lb</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

California Prop. 65

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE - 100-42-5</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (TOTAL DUST) - 13463-67-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>AMORPHOUS SILICA - 7631-86-9</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>CRYSTALLINE SILICA (QUARTZ) - 14808-60-7</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>METHANOL - 67-56-1</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

California SCAQMD Rule 443
Contains Photochemically Reactive Solvent
State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE 100-42-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>MICA (RESPIRABLE DUST) 12001-26-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE (TOTAL DUST) 13463-67-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>FELDSPAR 68476-25-5</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>COBALT NAPTHANATE 61789-51-3</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>CRYSSTALINE SILICA (QUARTZ) 14808-60-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>ZIRCONIUM OXIDE 1314-23-4</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA Health 2 Flammability 3 Instability 0 Physical hazard -
HMIS (Hazardous Material Information System)
Chronic Hazard Star Legend * = Chronic Health Hazard
Prepared By Tnemec Regulatory Dept: 816-474-3400
Revision Date 26-Oct-2018
Revision Summary 1 9 4 5 6 7 10 8 11 13 14 15 3
Disclaimer
For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910.
To the best of our knowledge, the information contained herein is accurate. However, neither the Tnemec Company or any of its subsidiaries assume any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

End of SDS
1. IDENTIFICATION

Product identifier
Product Code 1402-0001B
Product Name PROPOLYMER CATALYST

Other means of identification
Common Name SERIES 1402-1432, PART B
UN/ID no. 1263
Synonyms None

Recommended use of the chemical and restrictions on use
Recommended Use industrial paint.
Uses advised against Consumer use, For professional use only. Not for residential use.

Details of the supplier of the safety data sheet
Manufacturer Address Tnemec Company, Inc. 6800 Corporate Drive, Kansas City, MO
64120-1372 816-474-3400
Emergency telephone number
Company Phone Number Tnemec Regulatory Dept: 816-474-3400
24 Hour Emergency Phone Number 800-535-5053 (Infotrac).

2. HAZARDS IDENTIFICATION

Classification

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

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
<td>Category 4</td>
</tr>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Category 4</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Dusts/Mists)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 1 Sub-category A</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Category 2</td>
</tr>
<tr>
<td>Aspiration toxicity</td>
<td>Category 1</td>
</tr>
<tr>
<td>Organic Peroxides</td>
<td>Type F</td>
</tr>
<tr>
<td>Flammable Liquids</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements
Toxic if inhaled
Causes severe skin burns and eye damage
May cause damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Heating may cause a fire
Flammable liquid and vapor
Precautionary Statements

Prevention
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Use only outdoors or in a well-ventilated area
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
Use only non-sparking tools
Take precautionary measures against static discharge
Keep only in original container
Keep cool
Use explosion-proof electrical/ventilating/lighting/mixing/equipment

Response
Immediately call a POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician
Call a POISON CENTER or doctor/physician if you feel unwell
Wash contaminated clothing before reuse
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
Rinse mouth
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
In case of fire: Use CO2, dry chemical, or foam for extinction

Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed
Store at temperatures not exceeding 38 °C/ 100 °F. Keep cool
Store away from other materials
Protect from sunlight
Keep away from children

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

Hazards not otherwise classified (HNOC)

Other information
Toxic to aquatic life with long lasting effects
SEE SAFETY DATA SHEET
Acute Toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS
4. FIRST AID MEASURES

Description of first aid measures

General advice
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Immediate medical attention is required.

Skin contact
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

Inhalation
Remove affected individual to fresh air. Treat symptomatically. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Consult a physician. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Ingestion
Immediate medical attention is required. Rinse mouth. Drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Self-protection of the first aider
Use personal protective equipment. Remove all sources of ignition.

Most important symptoms and effects, both acute and delayed

Causes burns to skin and eyes. MAY CAUSE BLINDNESS. Coughing and / or wheezing.

Notes to physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide. Dry chemical. Water spray. Foam.

Unsuitable extinguishing media
Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical
Thermal decomposition can lead to release of irritating gases and vapours. In the event of fire and/or explosion do not breathe fumes.

Hazardous combustion products
Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon oxides.

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. Avoid run off to waterways and sewers.

6. ACCIDENTAL RELEASE MEASURES
7. HANDLING AND STORAGE

Precautions for safe handling
Handling
Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Use with local exhaust ventilation. Wear personal protective equipment. Do not breathe vapours or spray mist.

Conditions for safe storage, including any incompatibilities
Storage
Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store at temperatures not exceeding 38 °C/ 100 °F. Keep cool. Do not store near combustible materials.

Packaging materials
Keep only in original container.

Incompatible products

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUMENE (SKIN) 98-82-8</td>
<td>TWA: 50 ppm</td>
<td>TWA: 50 ppm</td>
<td>900 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 245 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACETOPHENONE 98-86-2</td>
<td>TWA: 10 ppm</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering measures
Sufficient ventilation, in volume and pattern, should be provided through both local and general exhaust to keep the air contaminant concentration below current applicable OSHA Permissible Exposure Limits (PEL) and ACGIH's Threshold Limit Values (TLV). Appropriate ventilation should be employed to remove hazardous decomposition products formed during welding or flame cutting operations of surfaces coated with this product.
Individual protection measures, such as personal protective equipment

- **Eye/face protection**: Tightly fitting safety goggles. If splashes are likely to occur, wear face-shield.
- **Skin and body protection**: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
- **Respiratory protection**: Use only with adequate ventilation. Do not breathe vapors, spray mist, or dust. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist or dust levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer’s directions for respirator use.

**General hygiene considerations**: Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust created by cutting, sanding, or grinding.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>yellow</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Strong aromatic</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Remarks</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt; 100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>56 °C / 133.00 °F</td>
<td>Pensky Martens - Closed Cup</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt; 1</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>NA</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.03118 1.0324 g/cm³</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>slightly soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt; 60° C</td>
<td>No data available</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Other Information**

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>8.60001 lbs/gal</td>
<td></td>
</tr>
<tr>
<td>Volatile organic compounds (VOC) content</td>
<td>1.075 lbs/gal</td>
<td></td>
</tr>
<tr>
<td>Total volatiles weight percent</td>
<td>12.5 %</td>
<td></td>
</tr>
<tr>
<td>Total volatiles volume percent</td>
<td>12.3 %</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**

Stable under normal conditions

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of hazardous reactions**
Vapors may form explosive mixtures with air.

**Conditions to avoid**
Keep away from open flames, hot surfaces and sources of ignition. Temperatures above 38°C.

**Incompatible materials**
Strong acids, Strong bases, Strong oxidizing agents, Amines, Metals, SALT, Reducing agents

**Hazardous decomposition products**
Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds. Carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

#### Information on Likely Routes of Exposure

**Inhalation**
Irritating to respiratory system. May be harmful by inhalation. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

**Eye contact**
Corrosive to the eyes and may cause severe damage including blindness.

**Skin contact**
Causes burns.

**Ingestion**
Harmful if swallowed. Potential for aspiration if swallowed.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUMENE HYDROPEROXIDE 80-15-9</td>
<td>= 382 mg/kg (Rat)</td>
<td>= 0.126 mL/kg (Rabbit)</td>
<td>= 220 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>CUMYL ALCOHOL 617-94-7</td>
<td>= 1300 mg/kg (Rat)</td>
<td>= 1 mL/kg (Rabbit) = 4300 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>CUMENE (SKIN) 98-82-8</td>
<td>= 1400 mg/kg (Rat)</td>
<td>= 12300 µL/kg (Rabbit)</td>
<td>= 39000 mg/m³ (Rat) 4 h &gt; 3577 ppm (Rat) 6 h</td>
</tr>
<tr>
<td>ACETOPHENONE 98-86-2</td>
<td>= 815 mg/kg (Rat) = 900 mg/kg (Rat)</td>
<td>= 1760 mg/kg (Rabbit)</td>
<td>&gt; 2.130 mg/L (Rat) 8 h</td>
</tr>
</tbody>
</table>

#### Information on toxicological effects

**Symptoms**
Avoid repeated exposure. MAY CAUSE BLINDNESS. Causes severe skin burns. Coughing and/ or wheezing.

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

**Skin corrosion/irritation**
Causes severe burns.

**Eye damage/irritation**
Risk of serious damage to eyes.

**Chronic Toxicity**
NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid repeated exposure. Causes burns to skin and eyes. Aspiration hazard.

**Sensitization**
No information available.

**Mutagenicity**
No information available.

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUMENE (SKIN) 98-82-8</td>
<td>Group 2B</td>
<td>Reasonably Anticipated</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**Reproductive effects**
No information available.

**STOT - single exposure**
No information available

**STOT - repeated exposure**
Causes damage to organs through prolonged or repeated exposure

**Target organ effects**
Eyes, respiratory system, Skin, Central nervous system.

**Aspiration hazard**
May be harmful if swallowed and enters airways.
1402-0001B PROPOLYMER CATALYST

Revision Date 26-Oct-2018

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

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life with long lasting effects

6 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUMENE HYDROPEROXIDE</td>
<td>3.9: 96 h Oncorhynchus mykiss mg/L LC50 static</td>
<td>7: 24 h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CUMENE (SKIN) 98-82-8</td>
<td>2.6: 72 h Pseudokirchneriella subcapitata mg/L EC50</td>
<td>4.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.1: 96 h Pimephales promelas mg/L LC50 semi-static 6.04 - 6.61: 96 h Pimephales promelas mg/L LC50 flow-through 2.7: 96 h Oncorhynchus mykiss mg/L LC50 semi-static</td>
<td>7.9 - 14.1: 48 h Daphnia magna mg/L EC50 Static 0.6: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>ACETOPHENONE 98-86-2</td>
<td>162: 96 h Pimephales promelas mg/L LC50 flow-through 155: 96 h Pimephales promelas mg/L LC50 static</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Mobility in Environmental Media

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUMENE (SKIN) 98-82-8</td>
<td>3.55</td>
</tr>
<tr>
<td>ACETOPHENONE 98-86-2</td>
<td>1.58</td>
</tr>
</tbody>
</table>

Other Adverse Effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal Methods
It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated packaging
Do not reuse container. Empty containers should be taken to an approved waste handling site for recycling or disposal.

US EPA Waste Number

<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>CUMENE HYDROPEROXIDE</td>
<td>U096</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CUMENE (SKIN) 98-82-8</td>
<td>U055</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACETOPHENONE 98-86-2</td>
<td>U004</td>
<td>Included in waste stream: F039</td>
<td></td>
<td>U004</td>
</tr>
</tbody>
</table>

California Hazardous Waste Status
14. TRANSPORT INFORMATION

DOT

- UN/ID no.: 1263
- Proper Shipping Name: PAINT
- Hazard Class: 3
- Packing Group: III
- Emergency Response Guide Number: 128

Additional information: Call TNEMEC Traffic Department - 816-474-3400 for additional information or other modes of Transportation.

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complies</td>
<td>Complies</td>
<td>Complies</td>
<td>Complies</td>
<td>Complies</td>
<td>Complies</td>
<td>Complies</td>
<td>Complies</td>
</tr>
</tbody>
</table>

**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  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

- **Chemical name**: CUMENE (SKIN)  
- **HAPS Data**:  
- **Chemical name**: ACETOPHENONE

**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 and Title 40n of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>SARA 313 - Threshold Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUMENE HYDROPEROXIDE - 80-15-9</td>
<td>1.0</td>
</tr>
<tr>
<td>CUMENE (SKIN) - 98-82-8</td>
<td>1.0</td>
</tr>
<tr>
<td>ACETOPHENONE - 98-86-2</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazardous Categorization**

- **Acute Health Hazard**: Yes  
- **Chronic Health Hazard**: Yes  
- **Fire Hazard**: Yes
CERCLA

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
<th>RQ</th>
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<tbody>
<tr>
<td>CUMENE HYDROPEROXIDE</td>
<td>10 lb</td>
<td>RQ 10 lb final RQ</td>
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</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td>RQ 4.54 kg final RQ</td>
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<tr>
<td>CUMENE (SKIN)</td>
<td>5000 lb</td>
<td>RQ 5000 lb final RQ</td>
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<tr>
<td>98-82-8</td>
<td></td>
<td>RQ 2270 kg final RQ</td>
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<tr>
<td>ACETOPHENONE</td>
<td>5000 lb</td>
<td>RQ 5000 lb final RQ</td>
<td></td>
</tr>
<tr>
<td>98-86-2</td>
<td></td>
<td>RQ 2270 kg final RQ</td>
<td></td>
</tr>
</tbody>
</table>

California Prop. 65

WARNING: This product can expose you to the following chemicals which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California SCAQMD Rule 443
Contains Photochemically Reactive Solvent

State Right-to-Know

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
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<tbody>
<tr>
<td>CUMENE HYDROPEROXIDE</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>80-15-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CUMENE (SKIN)</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>98-82-8</td>
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</tr>
<tr>
<td>ACETOPHENONE</td>
<td>X</td>
<td>X</td>
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<td>98-86-2</td>
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16. OTHER INFORMATION

NFPA

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical hazard</th>
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<tbody>
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<td>3</td>
<td>2</td>
<td>1</td>
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HMIS

<table>
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<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
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</thead>
<tbody>
<tr>
<td>3*</td>
<td>2</td>
<td>1</td>
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</tbody>
</table>

Prepared By: Tnemec Regulatory Dept: 816-474-3400
Revision Date: 26-Oct-2018
Revision Summary: 1 9 4 5 6 7 10 8 11 13 14 15
Disclaimer:
For specific information regarding occupational safety and health standards, please refer to the Code of Federal Regulations, Title 29, Part 1910.

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End of SDS