This Safety Data Sheet has been prepared to comply with the EU Regulation, Canadian WHMIS and the OSHA Hazard Communication Standard.

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 **Product Identifier:**

   **Trade Name:** ProTEK®B3 Series

   This SDS covers the following products:
   - ProTEK® B3-13
   - ProTEK® B3-15
   - ProTEK® B3-21
   - ProTEK® B3-25

1.2 **Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

   **Product Use:** Protective Coating
   **Uses Advised Against:** None

1.3 **Details of the Supplier of the Safety Data Sheet:**

   **Manufacturer:** Brewer Science, Inc.
   2401 Brewer Drive
   Rolla, MO  65401

   **Sales Office:** Brewer Science, Limited
   North Mill, 2nd Floor
   Darley Abbey Mills
   Derby, England DE22 1DZ

   **Information Phone Number:** (573) 364-0300
   Fax Number: (573) 368-3318
   E-mail: msds@brewerscience.com

1.4 **Emergency Telephone Number:**

   **Emergency Spill Information:**
   - Chemtrec Domestic North America:  (800) 424-9300
   - Chemtrec International:  (703) 527-3887
   - Chemtrec Taiwan: 00801-14-8954
   - China Chemical Accident Emergency Rescue Hotline 0532-83889090

### SECTION 2: HAZARDS IDENTIFICATION

2.1 **Classification of the Substance or Mixture:**

   **GHS Classification:**
   - Flammable Liquid Category 3 (H226)
   - Carcinogen Category 2 (H351)
   - Eye Irritant Category 2B (H320)
   - Reproductive Toxicity Category 2 (H361d)
   - Aquatic Acute Toxicity Category 3 (H402)

2.2 **Label Elements:**

   **Warning!**

   Contains: Ethyl-3-ethoxypropionate and Styrene

   **Hazard Phrases**
   - **H226** Flammable liquid and vapor.
   - **H320** Causes eye irritation.
   - **H351** Suspected of causing cancer.
   - **H361d** Suspected of damaging the unborn child.
Precautionary Phrases
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.
P233 Keep container tightly closed.
P240 Ground or bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, or lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P242 Use only non-sparking tools.
P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.
P305 + IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + IF exposed or concerned: Get medical attention.
P309 + IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P315 + IF swallowed: Wash out mouth and pharynx with water.
P318 + IF INhaled: Remove to fresh air. If not breathing, give artificial respiration. If breathing is irregular or stopped, call 911/0 (emergency services).
P337 + In case of fire: Use water fog or spray, universal foam, carbon dioxide or dry chemical to extinguish.
P337 + Avoid release to the environment.
P337 + Take precautionary measures against static discharge.
P338 + In case of fire: Use water fog or spray. Do not use water stream. Use fire extinguishing agent suitable for flammable liquid fires.
P351 + Protective clothing: Wear impermeable protective clothing, self-contained breathing apparatus, eye protection, and face protection.
P352 + Protective equipment: Wear goggles or face protection. Wear tight-fitting clothing, long sleeves, and rubber or plastic gloves. If breathing is difficult, supply with pure oxygen. Call a doctor/physician.
P353 + If mists or dust are present: Wear a respirator with chemical cartridges.
P361 + Take protective measures against static discharge.
P361 + Use non-sparking equipment.
P365 + Use wash-water barriers or sumps.
P370 + In case of fire: Wear full protective equipment and self-contained breathing apparatus. Take necessary steps to prevent contaminants from entering waterways.
P403 + Store in a well-ventilated place. Keep cool.
P405 + Store locked up.
P501 + Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards: EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>EINECS#</th>
<th>ENCS/ISHL</th>
<th>CLP Annex VI Classification</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Methyl-2-hexanone (Methyl Isoamyl Ketone, MIAK)</td>
<td>110-12-3</td>
<td>212-112-9</td>
<td>(2)-542/ (2)-542</td>
<td>Flam. Liq. Cat 3 (H226), Acute Tox. Cat 4 (H332)</td>
<td>30-50</td>
</tr>
<tr>
<td>Ethyl-3-ethoxypropionate (EEP)</td>
<td>763-69-9</td>
<td>212-112-9</td>
<td>(2)-1350, (2)-1379/ 2-(6)-147</td>
<td>Flam. Liq. Cat 3 (H226), Eye Irrit. Cat 2B (H320), Aquatic Acute Cat 3 (H402), EUH019, EUH066</td>
<td>30-50</td>
</tr>
<tr>
<td>Polymer Solids</td>
<td>Proprietary</td>
<td>Proprietary</td>
<td>No GHS Classification</td>
<td></td>
<td>10-30</td>
</tr>
<tr>
<td>Styrene</td>
<td>100-42-5</td>
<td>202-851-5</td>
<td>(3)-4 / (3)-4</td>
<td>Flam. Liq. Cat 3 (H226), Acute Tox. Cat 4 (H332), Eye Irrit. Cat 2A (H319), Skin Irrit. Cat 2 (H315), Asp. Tox. Cat 1 (H304), Repr. Cat 2 (H361d), STOT SE Cat 3 (H335), STOT RE Cat 1 (H372), Aq. Chronic Cat 3 (H412), Carc. Cat 2 (H351)</td>
<td>&lt;0.15</td>
</tr>
</tbody>
</table>

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Prepared By: Safety & Environmental Units
Approved By: Safety & Environmental Units
Issue/Revision Date: F.7.6.3992.F / 7/13/15
Date of Latest Review: 7/13/15
Eye: Rinse thoroughly with water for at least 15 minutes, while holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops or persists. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention if symptoms of exposure persist.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Keep the victim calm and warm. Get medical attention if you feel unwell.

4.2 Most Important symptoms and effects, both acute and delayed: May cause eye, skin, and respiratory irritation. Prolonged skin contact may cause dryness or cracking. May cause headache, dizziness, nausea and other symptoms of central nervous system depression. This product contains styrene which is suspected of causing cancer. Risk of cancer depends on duration and level of exposure. Styrene is suspected of damaging the unborn child.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention should not be required.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use water fog or spray, universal foam, carbon dioxide or dry chemical.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. Vapors may form explosive mixtures with air in confined areas.

Combustion Products: Oxides of carbon and nitrogen, and unknown materials.

5.3 Advice for Fire-Fighters:

Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Ventilate area.

6.2 Environmental Precautions:

Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

6.3 Methods and Material for Containment and Cleaning Up:

Cover with an inert absorbent material and collect into an appropriate container for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles and protective clothing when handling this material. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep product away from heat, sparks, flames and all other sources of ignition. No smoking in storage or use areas. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated location away from strong oxidizers and other incompatible materials. Keep containers closed when not in use.

7.3 Specific end use(s): Industrial use only
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Methyl-2-Hexanone</td>
<td>20 ppm TWA, 50 ppm STEL ACGIH TLV</td>
</tr>
<tr>
<td></td>
<td>100 ppm TWA OSHA PEL</td>
</tr>
<tr>
<td></td>
<td>10 ppm TWA, 20 ppm STEL DFG MAK</td>
</tr>
<tr>
<td></td>
<td>20 ppm TWA EU OEL</td>
</tr>
<tr>
<td></td>
<td>20 ppm TWA, 100 ppm STEL UK WEL</td>
</tr>
<tr>
<td></td>
<td>50 ppm TWA South Korea</td>
</tr>
<tr>
<td>Ethyl-3-ethoxypropionate</td>
<td>100 ppm TWA, 100 ppm STEL (15 minute average value) DFG MAK</td>
</tr>
<tr>
<td>Polymer Solids</td>
<td>None Established</td>
</tr>
<tr>
<td>Styrene</td>
<td>20 ppm TWA, 40 ppm STEL ACGIH TLV</td>
</tr>
<tr>
<td></td>
<td>100 ppm TWA, 200 ppm Ceiling, 600 ppm (5 min Peak in any 3 hours) OSHA PEL</td>
</tr>
<tr>
<td></td>
<td>20 ppm TWA, 40 ppm STEL DFG MAK</td>
</tr>
<tr>
<td></td>
<td>50 ppm TWA Japan</td>
</tr>
<tr>
<td></td>
<td>20 ppm TWA, 40 ppm STEL South Korea</td>
</tr>
<tr>
<td></td>
<td>100 ppm TWA, 250 ppm STEL UK WEL</td>
</tr>
</tbody>
</table>

8.2 Exposure Controls:

Ventilation: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits. Use explosion proof electrical equipment and wiring where required.

Personal Protective Equipment:

Respiratory Protection: If needed, an approved respirator with organic vapor cartridges may be used. For higher exposures, supplied air respirator may be required. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Skin Protection: Impervious gloves such as 4H or Silver Shield gloves are suggested to prevent prolonged skin contact. Contact your glove supplier for selection assistance. In Europe follow EN 374.

Eye Protection: Chemical safety glasses or goggles recommended where splashing is possible. In Europe follow EN 166.

Other Protective Equipment: Impervious clothing is required to prevent skin contact and contamination of personal clothing. In Europe follow EN 13034. An eye wash facility and safety shower should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, colorless liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight fruity odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; -50°C (&lt; -58°F) (EEP)</td>
</tr>
<tr>
<td>Initial Boiling Point/Range</td>
<td>144°C (291.2°F) (MIAK)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>36°C (96°F) (MIAK)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>LEL: 1.05 vol % (EEP)</td>
</tr>
<tr>
<td></td>
<td>UEL: 8.9 vol% (Styrene)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>4.5 mmHg @ 20°C (68°F)(MIAK)</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Mixture</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Mixture</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Greater than 3</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Partially soluble</td>
</tr>
<tr>
<td>Octanol/Water Partition Coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>This EEP in this product is stabilized.</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not an oxidizer</td>
</tr>
<tr>
<td>Relative Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

Prepared By: Safety & Environmental Units
Approved By: Safety & Environmental Units
Issue/Revision Date: F.7.6.3992.F / 7/13/15
Date of Latest Review: 7/13/15
10.1 Reactivity: Not reactive

10.2 Chemical Stability: Stable under normal handling and storage conditions.

10.3 Possibility of Hazardous Reactions: Will not occur.

10.4 Conditions to Avoid: Avoid high temperatures. Keep away from heat, sparks, flames and other sources of ignition.

10.5 Incompatible Materials: Strong oxidizing agents, strong bases, copper, copper alloys and reducing agents.

10.6 Hazardous Decomposition Products: Combustion will produce oxides of carbon and nitrogen, and unknown materials.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye: May cause mild eye irritation. Corneal injury is unlikely.

Skin: May cause mild irritation. Prolonged contact may cause skin dryness or cracking. 5-Methyl-2-hexanone may be absorbed through the skin causing symptoms of headache, dizziness, nausea, and drowsiness.

Inhalation: Inhalation of vapors, mists, or aerosols may cause nose and throat irritation with the possibility of central nervous system depression. Symptoms of central nervous system depression include headache, dizziness, drowsiness, nausea and unconsciousness.

Ingestion: Swallowing may cause gastrointestinal irritation and central nervous system depression with symptoms similar to those described under inhalation.

Chronic Hazards: Chronic absorption may cause kidney or liver damage based on studies with laboratory animals.

Acute Toxicity Values:

- 5-Methyl-2-hexanone: Oral rat LD50 – 3200 mg/kg, Inhalation rat LC50 – approx. 5000 ppm/4hr, Skin rabbit LD50 – 10 mL/kg
- Ethyl 3-ethoxypropionate: Oral rat LD50 - 4309 mg/kg, Inhalation rat LC50 - >998 ppm/6 hr, Skin rabbit LD50 - 4080-4680 mg/kg
- Polymer Solids: No toxicity data available
- Styrene: Oral rat LD50- 2650 mg/kg, Inhalation rat LC50 -11.8 mg/L/4 hr, Skin rabbit LD50 - >20,000 mg/kg

Skin corrosion/irritation: Ethyl 3-ethoxypropionate: Slightly irritating to skin in guinea pigs. 5-Methyl-2-Hexanone: When undiluted methyl isoamyl ketone (5 to 20 ml/kg) was held in contact with the abdomen of guinea pigs under an occlusive wrap for 24 hrs, slight irritation developed. Styrene: Moderately irritating to rabbit skin in Draize test.

Eye damage/irritation: Ethyl 3-ethoxypropionate: Slight eye irritation in rabbits. 5-Methyl-2-Hexanone: Slight eye irritation when dropped into the conjunctival sacs of six rabbits' eyes. Styrene: Severely irritating to rabbit eye in Draize test.

Respiratory Irritation: No data available.

Respiratory Sensitization: No data available.


Germ Cell Mutagenicity: Ethyl 3-ethoxypropionate: Negative in Ames test. Styrene: In standard mutagenicity tests, both positive and negative results were reported.

Carcinogenicity: Styrene is listed as a Group 2B: Possible carcinogen by IARC, A4: Not classifiable as a Human Carcinogen by ACGIH, and NTP listed styrene as reasonably anticipated to be a human carcinogen. None of the other components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH and the EU CLP.

Reproductive Toxicity: Ethyl 3-ethoxypropionate: EEP is not teratogenic in rats and rabbits and produced only slightly fetotoxicity in rats at maternally toxic concentrations of 1000 ppm. Styrene: The effect of a daily oral administration of styrene at dose levels of 250 or 400 mg/kg/body weight from day 6-15 of gestation on embryo/fetus of rats was studied. Styrene treatment level of 400 mg/kg/ body weight resulted in decrease of maternal body weight, increased fetal resorptions, and decreased fetal...
weight. No such affects were observed at the low dosage level. No teratogenic effect was detected in rats exposed to any dose level of styrene. Some toxic effects on the fetus were noted in a limited inhalation study using repeated high doses.

Specific Target Organ Toxicity:
Single Exposure: No data available
Repeat Exposure: Ethyl 3-ethoxypropionate: A 90 day inhalation study in rats showed no effects in exposure levels to 250 ppm. Effects at 500 ppm were decreased body weight gain. A 28 day oral study in rats showed minimal effects - NOEL 100 mg/kg/day. 5-Methyl-2-Hexanone: Liver and kidney effects were observed in a 90 day inhalation study in rats (NOEL 200 ppm) and in a 13 week oral study in rats at a dose of 2000 mg/kg/day. Styrene: Repeated inhalation studies in rats for 13 weeks reported effects suggestive of a hearing impairment. The rats were given daily doses of 50 ppm, 200 ppm, 800 ppm of styrene. Exposure to 800 ppm styrene resulted in auditory dysfunction at mid and high frequencies (16 and 30 MHz) but not at frequencies below 8 MHz. Histopathological examination of the ear revealed cochleal hair cell lesions. NOAEL 200 ppm. In another repeated inhalation study, exposures produced lung irritation in guinea pigs and organ weight changes in rats.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:
5-Methyl-2-Hexanone: 96 hr EC50 Fathead minnow – 159 mg/L (flow-through); 24 hr LC50 Daphnia magna- 1700 mg/L (static)
Ethyl 3-ethoxypropionate: 96 hr LC50 Fathead minnow - 50 mg/L; 48 hr EC50 Daphnia magna - >480 mg/L; 72 hr EC50 algae - >115 mg/L
Styrene: 96 hr LC50 Sheepshead minnow -9.1 mg/l; 96 hr LC50 Fathead minnow 29 – 59.3 mg/L; 96 hr LC50 Bluegill - 25 mg/L; 48hr EC50 Water flea 4.7 – 23 mg/L.

This product is classified as harmful to the aquatic environment. Releases to the environment should be avoided.

12.2 Persistence and Degradability: Ethyl 3-ethoxypropionate: Moderately biodegradable - 43% after 28 days. Styrene: Readily biodegradable –aerobic- 71% after 28 days.

12.3 Bioaccumulative Potential: Styrene: Carp 13.5 BCF

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB Assessment: No data available

12.6 Other Adverse Effects: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:
Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>14.1 UN Number</th>
<th>14.2 UN Proper Shipping Name</th>
<th>14.3 Hazard Class(s)</th>
<th>14.4 Packing Group</th>
<th>14.5 Environmental Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>US DOT</td>
<td>UN1866 Resin Solution, Flammable*</td>
<td>3</td>
<td>PG III</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Canadian TDG</td>
<td>UN1866 Resin Solution, Flammable</td>
<td>3</td>
<td>PG III</td>
<td>Not applicable</td>
</tr>
<tr>
<td>EU ADR/RID</td>
<td>UN1866 Resin Solution, Flammable</td>
<td>3</td>
<td>PG III</td>
<td>Not applicable</td>
</tr>
<tr>
<td>IMDG</td>
<td>UN1866 Resin Solution, Flammable</td>
<td>3</td>
<td>PG III</td>
<td>Not applicable</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>UN1866 Resin Solution, Flammable</td>
<td>3</td>
<td>PG III</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

*Hazardous Substance (49CFR172.101): Styrene (RQ 1,000 lbs) (666,666 lbs. product)

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable
SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product has an RQ of 666,666 lbs (based on the RQ of Styrene of 1,000 lbs present at <0.15%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Acute Health, Chronic Health, Fire Hazard

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements:

Styrene 100-42-5  <0.15%

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product contains chemicals known in the State of California to cause cancer and/or reproductive harm.

INTERNATIONAL REGULATIONS:

EUROPEAN REGULATIONS

REACH: Brewer products comply with REACH regulation as applicable. For more information, contact the Brewer REACH coordinator.

SVHC: This product contains the following Substances of Very High Concern (SVHCs): None.

JAPANESE REGULATIONS

Industrial Safety and Health Law:

<table>
<thead>
<tr>
<th>Manufacture Prohibited</th>
<th>Manufacture Allowed</th>
<th>Notification Obligation</th>
<th>Labeling Obligation</th>
<th>MSDS Obligation</th>
<th>Dangerous Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>≥ 0.3% Styrene</td>
<td>≥1% (5-Methyl-2-Hexanone) ≥0.1% Styrene</td>
<td>Flammable Substance-Group 4</td>
</tr>
</tbody>
</table>

Poisonous and Deleterious Substances Control Law (PDSCL): None of the chemicals are listed.

Pollutant Release and Transfer Register (PRTP): This product contains an ingredient subject to Type II reporting and users should contact Brewer Science, Inc. for more information.

Law Concerning the Protection of the Ozone Layer: None of the chemicals are listed.

Fire Service Law: Group 4 - Flammable liquids (2nd Class petroleum)

Ship Safety Act: Flammable liquid (Hazard Regulation Article 3, hazardous substance notice appendix 1)

Aviation Law: Flammable liquid (regulation Article 194, hazardous substance notice appendix 1)
Air Pollution Control Law: Styrene <0.15%

Water Pollution Control Act: None of the chemicals are listed.

Soil Contamination Countermeasures Law: None of the chemicals are listed.

Offensive Odor Control Law: None of the chemicals are listed.

Act on Prevention of Marine Pollution and Maritime Disaster: None of the chemicals are listed.

15.2 Chemical Safety Assessment: None required.

<table>
<thead>
<tr>
<th>SECTION 16: OTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS Ratings:</td>
</tr>
<tr>
<td>Health – 2*</td>
</tr>
<tr>
<td>NFPA Ratings:</td>
</tr>
<tr>
<td>Health - 2</td>
</tr>
</tbody>
</table>

SDS Revision History:
12/1/10: New SDS.
4/22/11: Complete review of SDS. Converted SDS to a Universal GHS format. Section 2: EU Classification, Section 3 Composition, Section 8 Exposure Limits, Section 15 California Proposition 65, Section 16 GHS Phrases for Reference, EU Classes and Risk Phrases for Reference
8/30/13: Updated format. Updated all sections.
9/8/14: Updated Section 1: Removed data of preparation, footer, Section 2: Classification and labeling, Section 3: Classification, Section 4.2: Most important symptoms, Section 8.2: Skin and eye PPE, and Section 11: Potential health effects.
4/21/15: Updated Section 1: added UK address, Section 2: Overall classification, Section 3: Component classification, Section 4: First aid, Section 8: CEN references, and Section 15: PRTP.

GHS Classification for Reference (See Sections 2 and 3):
Acute Tox. Cat 4 Acute Toxicity Category 4
Aq. Chronic Cat 3 Aquatic Chronic Toxicity Category 3
Asp. Tox. Cat 1 Aspiration Toxicity Category 1
Flam. Liq. Cat 3 Flammable Liquid Category 3
Eye Irrit. Cat 2A Eye Irritant Category 2A
Eye Irrit. Cat 2B Eye Irritant Category 2B
Repr. Cat 2 Reproductive Toxicity Category 2
Skin Irrit. Cat 2 Skin Irritant Category 2
STOT SE Cat 3 Specific Target Organ Toxicity Single Exposure Category 3
STOT RE Cat 1 Specific Target Organ Toxicity Repeated Exposure Category 1
H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H320 Causes eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
EUH019 May form explosive peroxides.
EUH066 Repeated exposure may cause skin dryness or cracking.

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Brewer Science, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.