SAFETY DATA SHEET

POLYGONE: PG2

SDS Preparation Date (mm/dd/yyyy): 03/30/2016

SECTION 1: IDENTIFICATION

Product identifier used on the label: POLYGONE PG2

Product Code(s): DT-HRF-PG2-1; DT-HRF-PG2-5; DT-HRF-PG2-55

Recommended use of the chemical and restrictions on use:
- Add Detergent for Support Removal Machines
- Use pattern: Professional Use Only
- Recommended restrictions: No restrictions on use known.

Chemical family: Mixture

Name, address, and telephone number of the supplier:
PostProcess Technologies, Inc.
2495 Main Street, Suite 615
Buffalo, NY
14214

Supplier’s Telephone #: 866-430-5354
24 Hr. Emergency Tel #: Chemtrec: 1-800-424-9300 (Within Continental U.S.); 703-527-3887.
Contract#: CCN-19217

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical

Clear, colorless liquid. Cleaner odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification:

- Corrosive to Metals - Category 1
- Skin Corrosion/Irritation - Category 1
- Eye Damage/Irritation - Category 1
- Specific target organ toxicity, single exposure - Category 3 respiratory tract irritation
Label elements

Hazard pictogram(s)

- \[ \text{Exercise caution} \]

- \[ \text{Fire and explosion hazard} \]

Signal Word

DANGER!

Hazard statement(s)

May be corrosive to metals.
Causes severe skin burns and eye damage.
May cause respiratory irritation.

Precautionary statement(s)

Keep only in original container.
Do not breathe mist.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/clothing and eye/face protection.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Rinse mouth.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
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.
Absorb spillage to prevent material damage.
Store in corrosive resistant container with a resistant inner liner.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container in accordance with local regulation.

Other hazards

Other hazards which do not result in classification:
Burning produces obnoxious and toxic fumes. Contact with metals may release small amounts of flammable hydrogen gas. Chronic skin contact with low concentrations may cause dermatitis. May cause respiratory irritation.

Environmental precautions: Avoid release to the environment.
SAFETY DATA SHEET

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS #</th>
<th>Concentration (% by weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>Alkyl(C9-C11) alcohol, ethoxylated</td>
<td>68439-46-3</td>
<td>&lt;5</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>Ethylene glycol monobutyl ether butyl cellosolve</td>
<td>111-76-2</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>Caustic potash, Potassium hydrate</td>
<td>1310-58-3</td>
<td>4</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>Sodium dimethylbenzene sulfonate</td>
<td>1300-72-7</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

The exact concentrations of the above listed chemicals are being withheld as a trade secret as allowed by 29CFR1910.1200.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

*Ingestion*: Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Have victim rinse mouth with water, then give one to two glasses of water to drink. Seek immediate medical attention/advice.

*Inhalation*: Immediately remove person to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Seek immediate medical attention/advice.

*Skin contact*: Wear appropriate protective equipment. Remove/Take off immediately all contaminated clothing. Immediately flush skin with gently flowing, running water for at least 20 minutes. Do not rub area of contact. Obtain medical attention immediately. Wash contaminated clothing before reuse. Contaminated leather may require disposal.

*Eye contact*: Wear appropriate protective equipment. Protect unharmed eye. If in contact with eyes, immediately flush eyes with running water for at least 20 minutes. If contact lens is present, DO NOT delay flushing or attempt to remove the lens until flushing is done. Obtain medical attention immediately.
Most important symptoms and effects, both acute and delayed

- Causes severe skin irritation. Symptoms may include redness, blistering, pain and swelling. Causes serious eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage. Corrosive to the respiratory tract. Symptoms may include coughing, choking and wheezing. Could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed. Ingestion may cause severe burns to the mucous membranes of the digestive tract. Symptoms may include abdominal pain, vomiting, burns, perforations and bleeding.

Indication of any immediate medical attention and special treatment needed

- Immediate medical attention is required. Causes chemical burns. Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

- Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Unsuitable extinguishing media

- Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- Not considered flammable. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Contact with most metals will generate flammable hydrogen gas.

Flammability classification (OSHA 29 CFR 1910.106)

- Not flammable.

Hazardous combustion products

- Potassium oxides.

Special protective equipment and precautions for firefighters

Protective equipment for firefighters

- Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire-fighting procedures

- Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Use water to cool fire-exposed containers. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply or any natural waterway. Dike for water control.
SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
  : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment.

Environmental precautions
  : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

Methods and material for containment and cleaning up
  : Remove all sources of ignition. Ventilate area of release. Stop the spill at source if it is safe to do so. Dike for water control. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13).

Special spill response procedures
  : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802). US CERCLA Reportable quantity (RQ): Potassium hydroxide (1000 lbs / 454 kg)

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling
  : Use only in well-ventilated areas. Do not breathe fumes or mists. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat and flame. Keep away from incompatibles. Keep containers tightly closed when not in use.

Conditions for safe storage
  : Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep away from incompatibles. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. Store in corrosion-resistant containers. Avoid contact with aluminum.

Incompatible materials
  : Acids ; Oxidizing agents
SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

<table>
<thead>
<tr>
<th>Chemical Name:</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA</td>
<td>STEL</td>
</tr>
<tr>
<td>Alcohols, c9-11, ethoxylated</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>20 ppm</td>
<td>N/Av</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>2 mg/m3 (Ceiling)</td>
<td>N/Av</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
</tbody>
</table>

Exposure controls

Ventilation and engineering measures

: Use only in well-ventilated areas. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Respiratory protection

: Respiratory protection is required if the concentrations exceed the TLV. NIOSH-approved respirators are recommended. A self contained breathing apparatus should be used in emergency situations or instances where exposure levels are not known. Seek advice from respiratory protection specialists. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

Skin protection

: Wear protective gloves/clothing. Advice should be sought from glove suppliers.

Eye / face protection

: Wear eye/face protection. Chemical splash goggles must be worn when handling this material. A full face shield may also be necessary.

Other protective equipment

: An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

General hygiene considerations

: Do not breathe fumes or mists. Do not ingest. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid.
Odour: Cleaner odor.
Odour threshold: Not applicable.
\( \text{pH} \): 13-14
Melting/Freezing point: \(-1^\circ \text{C} (30^\circ \text{F})\)
Initial boiling point and boiling range: 100.48°C (212°F)
Flash point: Not applicable.
Flashpoint (Method): Not applicable.
Evaporation rate (\( \text{BuAl} = 1 \)): N/A
Flammability (solid, gas): Not applicable.
Lower flammable limit (% by vol.): Not applicable.
Upper flammable limit (% by vol.): Not applicable.
Oxidizing properties: None known.
Explosive properties: Not explosive.
Vapour pressure: Not available.
Vapour density: Not available.
Relative density / Specific gravity: 1.09
Solubility in water: Soluble
Other solubility(ies): Not available.
Partition coefficient: \( n\)-octanol/water or Coefficient of water/oil distribution: Not available.
Auto-ignition temperature: N/A
Decomposition temperature: Not available.
Viscosity: N/A
Volatiles (% by weight): 75%
Volatile organic Compounds (VOC's): 10%
Absolute pressure of container: N/A
Flame projection length: N/A
Other physical/chemical comments: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive. May be corrosive to metals. Contact with most metals will generate flammable hydrogen gas.
Chemical stability: Material is stable under normal conditions.
Possibility of hazardous reactions: Hazardous polymerization does not occur.
Conditions to avoid: Keep away from incompatibles. Keep container tightly closed when not in use. Avoid contact with water. Avoid excessive heat or cold.
Incompatible materials: Acids; Oxidizing agents
Hazardous decomposition products: None known, refer to hazardous combustion products in Section 5.
SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation: YES
Routes of entry skin & eye: YES
Routes of entry Ingestion: YES
Routes of exposure skin absorption: YES

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation: May cause severe irritation to the nose, throat and respiratory tract. Symptoms may include coughing, choking and wheezing. Could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed.

Sign and symptoms ingestion: Harmful if swallowed. May cause severe irritation and corrosive damage in the mouth, throat and stomach. Symptoms may include abdominal pain, vomiting, burns, perforations, bleeding and eventually death.

Sign and symptoms skin: May be harmful if absorbed through the skin. Causes severe skin burns and eye damage. Symptoms may include redness, blistering, pain and swelling.

Sign and symptoms eyes: This material is classified as hazardous under U.S. OSHA regulations (29CFR1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Eye Damage/Irritation - Category 1. Causes serious eye damage.

Potential Chronic Health Effects: Chronic skin contact with low concentrations may cause dermatitis.

Mutagenicity: Not expected to be mutagenic in humans.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity: Not expected to have other reproductive effects.

Sensitization to material: Not expected to be a skin or respiratory sensitizer.
SAFETY DATA SHEET

Specific target organ effects

- Target Organs: Eyes, skin, respiratory system and digestive system.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification Specific Target Organ Toxicity, Single Exposure -Category 3 (respiratory) May cause respiratory irritation.

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Medical conditions aggravated by overexposure

- Pre-existing skin, eye and respiratory disorders.

Synergistic materials

- Not available.

Toxicological data

- There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data. The calculated ATE values for this mixture are:

  \[
  \text{ATE oral} = 3069.87 \text{ mg/kg} \\
  \text{ATE dermal} = 6379.74 \text{ mg/kg}.
  \]

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>LC50(4hr) inh, rat</th>
<th>LD50 Oral, rat</th>
<th>LD50 Rabbit, dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, c9-11, ethoxylated</td>
<td>N/Av</td>
<td>1378 mg/kg</td>
<td>&gt;2000 mg/kg</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>450 ppm (2.175 mg/L) (vapour)</td>
<td>530 mg/kg</td>
<td>400 - 500 mg/kg</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>N/Av</td>
<td>205 mg/kg</td>
<td>&gt; 1260 mg/kg</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>&gt; 6.41 mg/L (aerosol) (No mortality)</td>
<td>7200 mg/kg</td>
<td>&gt; 2000 mg/kg (No mortality)</td>
</tr>
</tbody>
</table>

Other important toxicological hazards

- None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

- Not expected to be harmful to aquatic organisms. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

PostProcess Technologies, Inc. • 2495 Main St. Buffalo, NY 14214 • www.postprocess.com • 716.888.4579
Copyright © 2017 PostProcess Technologies, Inc.
### Ecotoxicity data:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Fish</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LC50 / 96h</td>
<td>NOEC / 21 day</td>
<td>M Factor</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>8.5 mg/L (Fathead minnow)</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-72-6</td>
<td>1474 mg/L (Rainbow trout)</td>
<td>&gt; 100 mg/L (Zebra fish)</td>
<td>None</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>1310-58-3</td>
<td>80 mg/L (Mosquito fish)</td>
<td>N/Av</td>
<td>None</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>1300-72-7</td>
<td>&gt; 400 mg/L (Fathead minnow)</td>
<td>N/Av</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Daphnia</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>EC50 / 48h</td>
<td>NOEC / 21 day</td>
<td>M Factor</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>5.3 mg/L Water flea</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-72-6</td>
<td>835 mg/L (Daphnia magna)</td>
<td>100 mg/L</td>
<td>None</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>1310-58-3</td>
<td>56 mg/L Ceriodaphnia (water flea)</td>
<td>N/Av</td>
<td>None</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>1300-72-7</td>
<td>&gt; 408 mg/L (Fathead minnow)</td>
<td>N/Av</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Algae</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>EC50 / 96h or 72h</td>
<td>NOEC / 96h or 72h</td>
<td>M Factor</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>N/Av</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-72-6</td>
<td>911 mg/L/72hr (Green magna)</td>
<td>286 mg/L/72hr</td>
<td>None</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>1310-58-3</td>
<td>N/Av</td>
<td>N/Av</td>
<td>None</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>1300-72-7</td>
<td>&gt; 230 mg/L/96hr (Green algae)</td>
<td>N/Av</td>
<td>None</td>
</tr>
</tbody>
</table>
Persistence and degradability

: No data is available on the product itself.

Bioaccumulation potential

: No data is available on the product itself.

<table>
<thead>
<tr>
<th>Components</th>
<th>Partition coefficient n-octanol/water (log Kow)</th>
<th>Bioconcentration factor (BCF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated (CAS 68439-46-3)</td>
<td>3.77-4.72</td>
<td>N/Av</td>
</tr>
<tr>
<td>2-butoxyethanol (CAS 111-76-2)</td>
<td>0.8</td>
<td>0.97</td>
</tr>
<tr>
<td>potassium hydroxide (CAS 1310-58-3)</td>
<td>N/Ap</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Sodium xylene sulphonate (CAS 1300-72-7)</td>
<td>-1.86</td>
<td>0.5</td>
</tr>
</tbody>
</table>

Mobility in Soil

: No data is available on the product itself.

Other adverse Environmental effects

: No data is available on the product itself.

**SECTION 13. DISPOSABLE CONSIDERATIONS**

Handling for Disposal

: Handle waste according to recommendations in Section 7.

Methods of Disposal

: Dispose in accordance with all applicable federal, state, provincial and local regulations.

RCRA

: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.
### SECTION 14. TRANSPORTATION INFORMATION

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>UN Number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing Group</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG</td>
<td>UN1814</td>
<td>Potassium hydroxide, solution</td>
<td>8</td>
<td>II</td>
<td><img src="image" alt="Label" /></td>
</tr>
<tr>
<td>TDG Additional Information</td>
<td></td>
<td>US CERCLA Reportable quantity (RQ): (1000 lbs / 454 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TDG</td>
<td>UN1814</td>
<td>POTASSIUM HYDROXIDE, SOLUTION</td>
<td>8</td>
<td>II</td>
<td><img src="image" alt="Label" /></td>
</tr>
<tr>
<td>TDG Additional Information</td>
<td></td>
<td>May be shipped as LIMITED QUANTITY when shipped in quantities no larger than 1.0 Litre, in packages not exceeding 30 kg. ERG #154.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICAO/IATA</td>
<td>UN1814</td>
<td>Potassium hydroxide, solution</td>
<td>8</td>
<td>II</td>
<td><img src="image" alt="Label" /></td>
</tr>
<tr>
<td>ICAO/IATA Additional Information</td>
<td></td>
<td>Refer to ICAO/IATA Packing Instruction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>UN1814</td>
<td>POTASSIUM HYDROXIDE, SOLUTION</td>
<td>8</td>
<td>II</td>
<td><img src="image" alt="Label" /></td>
</tr>
<tr>
<td>IMDG Additional Information</td>
<td></td>
<td>May be shipped as LIMITED QUANTITY, consult the IMDG regulations for details.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Special precautions for user**: None reported by the manufacturer

**Environmental hazards**: This substance does not meet the criteria for an environmentally hazardous substance according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not available.
SECTION 15. REGULATORY INFORMATION

US Federal Information:
Components listed below are present on the following U.S. Federal chemical lists.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>TSCA Inventory</th>
<th>CERCLA Reportable Quantity (RQ) (40 CFR 117.302):</th>
<th>SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355</th>
<th>SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical</th>
<th>CAS# TSCA Inventory</th>
<th>Toxic Chemical</th>
<th>de minimus Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>Yes</td>
<td>N/Ap</td>
<td>No</td>
<td>N/Ap</td>
<td>Yes</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>Yes</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>Yes</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>1310-58-3</td>
<td>Yes</td>
<td>1000 lb/ 454 kg</td>
<td>None</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>1300-72-7</td>
<td>Yes</td>
<td>None</td>
<td>None</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>N/Ap</td>
</tr>
</tbody>
</table>

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Immediate (Acute) health hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:
The following chemicals are specifically listed by individual States:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>California Proposition 65</th>
<th>State &quot;Right to Know&quot; Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Listed</td>
<td>Type of Toxicity</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>1310-58-3</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>1300-72-7</td>
<td>No</td>
<td>N/Ap</td>
</tr>
</tbody>
</table>

Canadian Information:
WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).
SAFETY DATA SHEET

Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>European EINECS</th>
<th>Australia AICS</th>
<th>Phillipines PICCS</th>
<th>Japan ENCS</th>
<th>Korea KECI/KECL</th>
<th>China IECSC</th>
<th>New Zealand IOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>N/Av</td>
<td>Present</td>
<td>Present</td>
<td>(7)-97</td>
<td>KE-13383</td>
<td>Present</td>
<td>HSR003338: HSN Approval: HSR006495 (dilution)</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>203-905-0</td>
<td>Present</td>
<td>Present</td>
<td>(7)-97: (2)-407</td>
<td>KE-04134</td>
<td>Present</td>
<td>HSR001154</td>
</tr>
<tr>
<td>potassium hydroxide</td>
<td>1310-58-3</td>
<td>215-181-3</td>
<td>Present</td>
<td>Present</td>
<td>(1)-369</td>
<td>KE-29139</td>
<td>Present</td>
<td>HSR001546</td>
</tr>
<tr>
<td>Sodium xylene sulphonate</td>
<td>1300-72-7</td>
<td>215-090-9</td>
<td>Present</td>
<td>Present</td>
<td>(3)-1909</td>
<td>KE-11217</td>
<td>Present</td>
<td>HSR003382</td>
</tr>
</tbody>
</table>

International Information:
Components listed below are present on the following International Inventory lists.

SECTION 16. OTHER INFORMATION

Legend:
ACGIH: American Conference of Governmental Industrial Hygienists
CA: California
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CSA: Canadian Standards Association
DOT: Department of Transportation
EPA: Environmental Protection Agency
HMIS: Hazardous Materials Identification System
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration

2495 Main St. Suite 615, Buffalo, NY 14214
www.postprocess.com
716.888.4579

PostProcess Technologies, Inc. • 2495 Main St. Buffalo, NY 14214 • www.postprocess.com • 716.888.4579
Copyright © 2017 PostProcess Technologies, Inc.
**SAFETY DATA SHEET**

- **PA:** Pennsylvania
- **PEL:** Permissible exposure limit
- **RCRA:** Resource Conservation and Recovery Act
- **RI:** Rhode Island
- **RTECS:** Registry of Toxic Effects of Chemical Substances
- **SARA:** Superfund Amendments and Reauthorization Act
- **STEL:** Short Term Exposure Limit
- **TDG:** Canadian Transportation of Dangerous Goods Act & Regulations
- **TLV:** Threshold Limit Values
- **TWA:** Time Weighted Average
- **WHMIS:** Workplace Hazardous Materials Identification System

**References:**

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2015.
2. Canadian Centre for Occupational Health and Safety, CCInfoWeb Databases, 2016 (Chempendium, RTECs, HSDB, INCHEM).
3. IARC Monographs. Overall Evaluation of Carcinogenicity
4. Material Safety Data Sheet from manufacturer.
6. California Proposition 65 List

**Preparation Date (mm/dd/yyyy):** 03/30/2016

**Other special considerations for handling:** Provide adequate information, instruction, and training for operators

<table>
<thead>
<tr>
<th>Prepared for:</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Prepared for:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC The Compliance Center Inc.</td>
<td>Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada) <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a></td>
</tr>
</tbody>
</table>

**DISCLAIMER**

This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by PostProcess Technologies LLC. and CCOHS Web Information Service. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and PostProcess Technologies LLC expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc. and PostProcess Technologies LLC.

**END OF DOCUMENT**