1. Identification

Product Information: L914472

Product Name: Metal Paint and Prep Phosphatizer

Recommended Use: Professional Cleaning Agent

Uses advised against: Professional Use Only

Supplier:
Kärcher North America
4555 Airport Way
Denver, CO 80239
Phone: 303-738-2400
Email: info@karcherna.com

Kärcher North America
6535 Millcreek Drive, Unit 67
Mississauga, ON L5N 2M2
Phone: 905-672-8233

Emergency telephone number:
INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200
No GHS Classifications were found

GHS Pictograms
No GHS Symbols Exist

Signal Word
No Signal Word has been assigned

Unknown Acute Toxicity
< 1% 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>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUMXYLENE SULFONATE</td>
<td>1300-72-7</td>
<td>1.0-2.5</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>1.0-2.5</td>
</tr>
<tr>
<td>Ethoxylated alcohols, C9-C11</td>
<td>68439-46-3</td>
<td>1.0-2.5</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>0.1-1.0</td>
</tr>
</tbody>
</table>

The exact percentage (concentration) of composition has been withheld as a trade secret.
4. First-aid Measures

Description of first-aid measures

General advice
Call a physician if irritation develops or persists.

Inhalation
Move to fresh air.

Skin contact
Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

Ingestion
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

Symptoms
See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

Notes to physician
Treat symptomatically.

5. Fire-fighting Measures

Extinguishing media

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons
High volume water jet.

Special hazards arising from the substance or mixture

No information available.

Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
No Information

Advice for emergency responders

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist. Use personal protection recommended in Section 8.

Environmental precautions

Prevent product from entering drains. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up

Methods for Containment
Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Methods for cleaning up
Use personal protective equipment as required.

Reference to other sections
7. Handling and Storage

Conditions for safe storage, including any incompatibilities

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures
See section 7 for more information.

Storage Conditions
Keep containers tightly closed in a cool, well-ventilated place.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH-TLV STEL</th>
<th>OSHA PEL-TWA</th>
<th>OSHA PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>20 ppm</td>
<td>N.E.</td>
<td>50 ppm</td>
<td>N.E.</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>1 mg/m³</td>
<td>3 mg/m³</td>
<td>1 mg/m³</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

TLV = Threshold Limit Value  TWA = Time Weighted Average  PEL = Permissible Exposure Limit  STEL = Short-Term Exposure Limit  N.E. = Not Established

Engineering Measures
Showers, eyewash stations, and ventilation systems.

Personal protective equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin and body protection
Wear suitable protective clothing.

Respiratory protection
In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures
See section 7 for more information.

9. Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Detergent - Solvent</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No Information</td>
</tr>
<tr>
<td>pH</td>
<td>3.3</td>
</tr>
<tr>
<td>Melting/freezing point, °C (°F)</td>
<td>No Information</td>
</tr>
<tr>
<td>Flash Point, °C (°F)</td>
<td>&gt;94 (&gt;201.2)</td>
</tr>
<tr>
<td>Boiling point/bubbling range, °C (°F)</td>
<td>168 (334.4)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No Information Available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No Information</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No Information</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No Information</td>
</tr>
<tr>
<td>Specific Gravity (g/cm³)</td>
<td>1.120</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble</td>
</tr>
</tbody>
</table>
Partition coefficient: No Information
Autoignition temperature, °C: No Information
Decomposition Temperature °C: No Information
Viscosity, kinematic: No Information

Other information:
Volatile organic compounds (VOC) content: 0.13 % at 8 oz/gal.
Density, lb/gal: No Information

10. Stability and Reactivity

Reactivity
Stable under normal conditions.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None known based on information supplied

Conditions to Avoid
None known

Incompatible Materials
None known based on information supplied

Hazardous Decomposition Products
None known

11. Toxicological Information

Information on toxicological effects
Acute toxicity
Product Information
No Information

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral): 15,457.577173 mg/kg
ATEmix (dermal): 53,033.517183 mg/kg

Component Information

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1300-72-7</td>
<td>SODIUMXYLENE SULFONATE</td>
<td>1000 mg/kg Rat</td>
<td>N.I.</td>
<td>N.I.</td>
</tr>
<tr>
<td>111-76-2</td>
<td>Ethylene glycol monobutyl ether</td>
<td>470</td>
<td>2000</td>
<td>11 (Vapor)</td>
</tr>
<tr>
<td>7664-38-2</td>
<td>Phosphoric acid</td>
<td>1530 mg/kg Rat</td>
<td>2740 mg/kg Rabbit</td>
<td>N.I.</td>
</tr>
</tbody>
</table>

N.I. = No Information

Skin corrosion/irritation:
SKIN IRRITANT

Eye damage/irritation:
No Information

Respiratory or skin sensitization:
No Information

Ingestion:
No Information
Germ cell mutagenicity.
When symptoms persist or in all cases of doubt seek medical advice

Carcinogenicity.
No Information

Reproductive toxicity.
No Information

Specific target organ systemic toxicity (single exposure).
No Information

Specific target organ systemic toxicity (repeated exposure).
No Information

Aspiration hazard.
No Information

Primary Route(s) of Entry
No Information

12. Ecological Information

Toxicity
3.82400 % of mixture consists of components of unknown hazards to the aquatic environment.

Ecotoxicity effects

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol monobutyl ether 111-76-2</td>
<td>-</td>
<td>LC50 96 h Lepomis macrochirus 1490 mg/L, LC50 96 h Lepomis macrochirus 2950 mg/L</td>
<td>EC50 48 h Daphnia magna &gt;1000 mg/L</td>
</tr>
</tbody>
</table>

Persistence and degradability
No data are available on the product itself.

Bioaccumulative potential
Discharge into the environment must be avoided.

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>log POW</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>Ethylene glycol monobutyl ether</td>
<td>0.81</td>
</tr>
</tbody>
</table>

Mobility in soil
No information

Other adverse effects
No information

13. Disposal Considerations

Waste Disposal Guidance
Disposal should be in accordance with applicable regional, national and local laws and regulations.
No Information

14. Transport Information

DOT
Hazard Class: Not regulated

IMDG
Hazard Class: Not regulated

IATA
Not regulated
## 15. Regulatory Information

### International Inventories:

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td></td>
</tr>
<tr>
<td>DSL</td>
<td></td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td></td>
</tr>
<tr>
<td>ENCS</td>
<td></td>
</tr>
<tr>
<td>IECSC</td>
<td></td>
</tr>
<tr>
<td>KECI</td>
<td></td>
</tr>
<tr>
<td>PICCS</td>
<td></td>
</tr>
<tr>
<td>AICS</td>
<td></td>
</tr>
<tr>
<td>NZIoC</td>
<td></td>
</tr>
</tbody>
</table>

**TSCA**
United States Toxic Substances Control Act Section 8(b) Inventory

**DSL**
Canadian Domestic Substances List

**EINECS/ELINCS**
European Inventory of Existing Chemical Substances/European 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

**NZIoC**
New Zealand Inventory of Chemicals

**TCSI**
Taiwan Chemical Substance Inventory

### U.S. Federal Regulations:

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### TOXIC SUBSTANCES CONTROL ACT 12(b):

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxalic acid</td>
<td>144-62-7</td>
</tr>
</tbody>
</table>

### CALIFORNIA PROPOSITION 65 CARCINOGENS

**WARNING**
Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene oxide</td>
<td>75-21-8</td>
</tr>
</tbody>
</table>

### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

**WARNING**
Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene oxide</td>
<td>75-21-8</td>
</tr>
</tbody>
</table>
16. Other Information

Revision Date: 1/8/2019
Reason for revision: Formula revision
Datasheet produced by: Regulatory Department

HMIS Ratings:

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

NFPA Ratings:

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical &amp; Chemical</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.