



# Safety Data Sheet

## 1. Identification

**Product Information** H904977

**Product Name:** Phosphatizer No. 2

**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

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
SODIUMXYLENE SULFONATE	1300-72-7	1.0-2.5
Ethylene glycol monobutyl ether	111-76-2	1.0-2.5
Ethoxylated alcohols, C9-C11	68439-46-3	1.0-2.5
Phosphoric acid	7664-38-2	0.1-1.0

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

See section 8 for more information

## 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

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Ethylene glycol monobutyl ether	20 ppm	N.E.	50 ppm	N.E.
Phosphoric acid	1 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	N.E.

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

Physical state	Liquid
Appearance	Clear
Color	Colorless
Odor	Detergent - Solvent
Odor Threshold	No Information
pH	3.3
Melting/freezing point, °C (°F)	No Information
Flash Point, °C (°F)	>94 (>201.2)
Boiling point/boiling range, °C (°F)	168 (334.4)
Evaporation rate	No Information Available
Explosive properties	No Information
Vapor pressure	No Information
Vapor density	No Information
Specific Gravity (g/cm <sup>3</sup> )	1.120
Water solubility	Soluble

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**

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

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**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Ethylene glycol monobutyl ether 111-76-2	-	LC50 96 h Lepomis macrochirus 1490 mg/L, LC50 96 h Lepomis macrochirus 2950 mg/L	EC50 48 h Daphnia magna >1000 mg/L

**Persistence and degradability**

No data are available on the product itself.

**Bioaccumulative potential**

Discharge into the environment must be avoided.

**CAS-No.**

111-76-2

**Chemical Name**

Ethylene glycol monobutyl ether

**log POW**

0.81

**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**

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Hazard Class: Not regulated

**IATA**

Not regulated

## 15. Regulatory Information

### International Inventories:

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	-
PICCS	Complies
AICS	Complies
NZIoC	Complies

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:

<u>Chemical Name</u>	<u>CAS-No.</u>
Oxalic acid	144-62-7

#### CALIFORNIA PROPOSITION 65 CARCINOGENS



#### WARNING

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

<u>Chemical Name</u>	<u>CAS-No.</u>
Ethylene oxide	75-21-8

#### 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.

<u>Chemical Name</u>	<u>CAS-No.</u>
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Ethylene oxide

75-21-8

**16. Other Information****Revision Date:** 1/8/2019 **Supersedes Date:** New SDS**Reason for revision:** Formula revision**Datasheet produced by:** Regulatory Department**HMIS Ratings:**

<b>Health:</b>	0	<b>Flammability:</b>	1	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	B
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**NFPA Ratings:**

<b>Health:</b>	0	<b>Flammability:</b>	1	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	-
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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.