

# Safety Data Sheet

according to WHMIS 2015



Effective date: 17/08/02

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## Sour 4

### SECTION 1: Identification

**Product name:** Sour 4

**Other means of identification:** Solution of phosphoric acid.

**Recommended use and restrictions on use:** Laundry sour / pH neutralizer.

**Supplier Details:**

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Tel: 1-844-441-7719  
Fax: 1-306-665-2099

**Emergency telephone number:** Call CANUTEC's 24-hr Number 613-996-6666

### SECTION 2: Hazard Identification

**Classification of the substance or mixture:** Solutions of <10% phosphoric acid are not classified for physical or health hazards under GHS.

**Signal word:** Not applicable.

**Hazard statements:** Not applicable.

**Precautionary statements:** Not applicable.

**Other hazards which do not result in classification:** No information available.

### SECTION 3: Composition/Information on Ingredients

Chemical Name	CAS No.	Concentration (% wt/wt)	LD <sub>50</sub> (rat, oral)
Phosphoric acid	7664-38-2	3-7	4090 mg/kg

### SECTION 4: First Aid Measures

**Description of first aid measures:**

**After inhalation:** Not expected to be an inhalation risk. In case if INHALATION, remove victim to fresh air. If symptoms persist seek medical attention.

**After skin contact:** In case of SKIN CONTACT, remove contaminated clothing and thoroughly rinse skin with water. Not expected to cause injury, but if irritation persists, seek medical attention.

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**After eye contact:** In case of EYE CONTACT, remove contact lenses and flush with water or saline solution. Not expected to cause injury, but if irritation persists, seek medical attention.

**After swallowing:** Not expected to be hazardous if ingested. In case of INGESTION, give a glass of water to dilute chemical in the stomach. May cause an upset stomach. DO NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed:** No information available.

**Indication of any immediate medical attention and special treatment needed:** No information available.

### SECTION 5: Firefighting Measures

#### Extinguishing media

**Suitable extinguishing agents:** Non-flammable. Use media appropriate for surrounding fire.

**For safety reasons, unsuitable extinguishing agents:** No information available.

**Special hazards arising from the substance or mixture:** Non-flammable.

#### Advice for firefighters:

**Protective equipment:** Positive pressure SCBA and standard firefighter bunker gear.

**Additional information (precautions):** No information available.

### SECTION 6: Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** In case of release wear proper protective equipment listed in Section 8. Avoid contact with spilled material.

**Methods and material for containment and cleaning up:** Prevent spill from entering sewer or waterways. Collect spilled material and store in a container suitable for disposal. Residue and small spills can be neutralised with sodium carbonate and washed with water spray.

### SECTION 7: Handling and Storage

**Precautions for safe handling:** Wear proper protective equipment when handling product.

**Conditions for safe storage, including any incompatibilities:** Wear proper protective equipment when handling product.

### SECTION 8: Exposure Controls/Personal Protection

**Control Parameters:** Use in an area with good general ventilation.

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**Appropriate Engineering controls:** If possible, meter directly from container into laundry machine to avoid contamination or contact with the concentrate.

**Respiratory protection:** No information available.

**Protection of skin:** If directly handling concentrate, use nitrile gloves.

**Eye protection:** If directly handling concentrate, use safety glasses.

**General hygienic measures:** No information available.

### SECTION 9: Physical and Chemical Properties

<b>Appearance:</b>	Clear pink liquid	<b>Vapor pressure:</b>	Not available
<b>Odor:</b>	Mild	<b>Vapor density:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Relative density/Specific gravity:</b>	1.07 g/mL
<b>pH - value:</b>	1 - 2 (1% in water)	<b>Solubility:</b>	Soluble in water and alcohols
<b>Melting/Freezing point:</b>	Not available	<b>Partition coefficient (n-octanol / water):</b>	Not available
<b>Boiling point/Boiling range:</b>	Not available	<b>Auto/Self-ignition temperature:</b>	Not applicable
<b>Flash point:</b>	Not applicable	<b>Decomposition temperature:</b>	Not available
<b>Evaporation rate:</b>	Not available	<b>Viscosity:</b>	Not applicable
<b>Flammability:</b>	Non-flammable	<b>Molecular formula:</b>	Not available
<b>Flammable limit lower:</b>	Not available	<b>Molecular weight:</b>	Not available
<b>Flammable limit upper:</b>	Not available		

### SECTION 10: Stability and Reactivity

**Reactivity:** Non-reactive.

**Chemical stability:** Stable under normal conditions.

**Possible hazardous reactions:** Non-reactive.

**Conditions to avoid:** Avoid contact with bases. Contact with bases will generate CO<sub>2</sub> gas and heat.

**Incompatible materials:** Avoid contact with strong reducers and strong oxidizers.

**Hazardous decomposition products:** Can thermally decompose to product carbon dioxide and carbon monoxide.

### SECTION 11: Toxicological Information

**Routes of exposure:** Ingestion, inhalation, skin, and eye contact.

**Symptoms of exposure:** Solutions of <10% phosphoric acid are not classified for physical or health hazards under GHS. Contact with eyes or skin may cause mild pain and redness with no long term or lasting effects.

**Delayed and immediate effects:** Contact with eyes or skin may cause mild pain and redness.

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**Acute toxicity estimate:** 656 mg/kg rat (oral)

### SECTION 12: Ecological Information

**Ecotoxicity:** Data not available.

**Persistence and degradability:** Data not available.

**Bioaccumulative potential:** Low potential for bioaccumulation.

**Mobility in soil:** Data not available.

**Other adverse effects:** Data not available.

### SECTION 13: Disposal Considerations

**Waste disposal recommendations:** Product should be disposed of in accordance to provincial and local government requirements prior to disposal. If the product was supplied in a single use container, care should be taken to dispose of the container in a responsible manner in accordance to local regulations.

### SECTION 14: Transport Information

**UN Number:** Not regulated for shipping

### SECTION 15: Regulatory Information

**DSL:** All components are listed on the Canadian DSL.

### SECTION 16: Other Information

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#### **Abbreviations and acronyms:**

CAS: Chemical Abstracts Service

DSL: Domestic Substances List

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