

## PROBRITE 218

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	PROBRITE 218
<b>Other Means of Identification</b>	PB218
<b>Recommended Use</b>	VEHICLE AND EQUIPMENT CLEANER.
<b>Restrictions on Use</b>	THIS PRODUCT IS FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN.
<b>Manufacturer/Supplier Identifier</b>	BBSpro Services Inc., 204-11 Burbidge St , Coquitlam, BC, V3K 7B2, CANADA, BBSpro, (604) 420-4305
<b>Emergency Phone No.</b>	BBSpro, 1-877-420-4305 CANUTEC, (613) 996-6666
<b>SDS No.</b>	0037

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Acute toxicity (Oral) - Category 4; Acute toxicity (Inhalation) - Category 4; Skin corrosion - Category 1; Serious eye damage - Category 1

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

Harmful if swallowed or if inhaled.

Causes severe skin burns and eye damage.

Precautionary Statement(s):

Avoid breathing dust/fume/gas/mist/vapours/spray.

Do not eat, drink or smoke when using this product.

Wash hands and skin thoroughly after handling.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Sodium Metasilicate	6834-92-0	5-15		
Sodium hydroxide	1310-73-2	5-15		
Polyethylene glycol nonylphenyl ether, liquids	9016-45-9	1-5		
2-Butoxyethanol	111-76-2	1-5		

Product Identifier: PROBRITE 218 - Ver. 1

SDS No.: 0037

Date of Preparation: June 13, 2018

Date of Last Revision: December 23, 2021

Page 01 of 06

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Take precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment). Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. Avoid mouth-to-mouth contact by using a barrier device. Call a Poison Centre or doctor if you feel unwell.

#### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Immediately rinse skin with lukewarm, gently flowing water for at least 30 minutes. Get medical advice or attention if you feel unwell or are concerned.

#### Eye Contact

Quickly and gently blot or brush chemical off the face. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

#### Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell.

#### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Product

Does not burn.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Cover the spill surface with the appropriate type of foam to reduce the release of vapour.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

### Conditions for Safe Storage

Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

Provide eyewash and safety shower if contact or splash hazard exists.

Product Identifier: PROBRITE 218 - Ver. 1

SDS No.: 0037

Date of Preparation: June 13, 2018

Date of Last Revision: December 23, 2021

Page 02 of 06

## Individual Protection Measures

### Eye/Face Protection

Wear chemical safety goggles.

### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear. Particle Size: Not available
Odour	Soapy
Odour Threshold	Not available
pH	13.2 (1% solution)
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	~ 100 °C (212 °F)
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable (liquid).
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	~ 1.05
Solubility	Soluble in all proportions in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
Physical State	Liquid
Molecular Formula	Not available
Molecular Weight	Not available
Bulk Density	Not available
Surface Tension	Not available
Critical Temperature	Not available
Electrical Conductivity	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Acidic conditions (low pH).

### Incompatible Materials

Strong acids (e.g. hydrochloric acid).

Iron, carbon steel.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Likely Routes of Exposure

Skin contact; eye contact; ingestion; inhalation.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Polyethylene glycol nonylphenyl ether, liquids		2590 mg/kg (rat)	
2-Butoxyethanol	486 ppm (male rat) (4-hour exposure)	530 mg/kg (rabbit)	207 mg/kg (guinea pig)
Sodium Metasilicate	Not available	> 600 mg/kg (rat)	Not available
Sodium hydroxide	Not available	~ 2400 mg/kg (rat)	> 2000 mg/kg (rabbit)

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### Skin Corrosion/Irritation

Corrosive based on information for closely related materials.

### Serious Eye Damage/Irritation

Contact causes severe burns with redness, swelling, pain and blurred vision. Permanent damage including blindness can result.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May be harmful based on information for closely related materials.

#### Skin Absorption

No information was located.

#### Ingestion

May be harmful based on information for closely related materials.

### Respiratory and/or Skin Sensitization

Respiratory sensitizer.

### Carcinogenicity

Not known to cause cancer.

### Reproductive Toxicity

#### Development of Offspring

Conclusions cannot be drawn from the limited studies available.

#### Sexual Function and Fertility

Product Identifier: PROBRITE 218 - Ver. 1

SDS No.: 0037

Date of Preparation: June 13, 2018

Date of Last Revision: December 23, 2021

Page 04 of 06

Conclusions cannot be drawn from the limited studies available.

**Effects on or via Lactation**

Conclusions cannot be drawn from the limited studies available.

## SECTION 12. ECOLOGICAL INFORMATION

Not hazardous to the environment.

**Ecotoxicity**

Studies were not located.

**Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Sodium hydroxide	Not available			

**Persistence and Degradability**

No ingredient of this product or its degradation products is known to be highly persistent.

**Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

**Mobility in Soil**

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal Methods**

Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants).

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	UN1823	SODIUM HYDROXIDE		

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

None known.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** BBSpro

**Phone No.** 18774204305

**Date of Preparation** June 13, 2018

**Date of Last Revision** December 23, 2021

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

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Product Identifier: PROBRITE 218 - Ver. 1  
Date of Preparation: June 13, 2018  
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SDS No.: 0037

Page 06 of 06