

Safety Data Sheet

PROBRITE 218

SECTION 1. IDENTIFICATION

Product Identifier PROBRITE 218
Other Means of Identification PB218
Recommended Use VEHICLE AND EQUIPMENT CLEANER.
Restrictions on Use THIS PRODUCT IS FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN.
Manufacturer/Supplier Identifier BBSpro, #270 19358 96TH AVE, SURREY, BC, V4N 4C1, CANADA, BBSpro, (604) 420-4305
Emergency Phone No. BBSpro, 1-899-420-4305
CANUTEC, (613) 996-6666
SDS No. 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 | 9016-45-9 | 1-5 | | |

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| | | | | |
|-----------------|----------|-----|--|--|
| ether, liquids | | | | |
| 2-Butoxyethanol | 111-76-2 | 1-5 | | |

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

Avoid direct contact. Wear chemical protective gloves if necessary. 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

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Not available.

Appropriate Engineering Controls

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

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) |
| Other Information | |
| 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

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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

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Development of Offspring

Conclusions cannot be drawn from the limited studies available.

Sexual Function and Fertility

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

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

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