

Safety Data Sheet (SDS)

Section 1 - Chemical Product and Company Information

Product Name: Presoak (Motorcycle Wash)

Product Code: CC2000

Manufactured by:



Shore Corporation
2917 Spruce Way
Pittsburgh, PA 15201

Telephone 412-471-3330
Toll free 800-860-4978
Fax 412-471-3260
www.shorecorporation.com
sales@shorecorporation.com

In case of transportation or
chemical emergency contact:

ChemTel, Inc
1-800-255-3924 (24 hours)

Distributed By:

Kleen-Rite Corporation
P. O. Box 886
Columbia, PA 17512
(717) 684 - 6721

Product Use:
Not recommended for:

Section 2 - Hazards

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

GHS Ratings:

| | | |
|------------------|----|---|
| Flammable liquid | 3 | Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F) |
| Skin corrosive | 1A | Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal |
| Eye corrosive | 1 | Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity ≥ 3 , Iritis > 1.5 |

GHS Hazards

| | |
|------|---|
| H226 | Flammable liquid and vapour |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |

GHS Precautions

| | |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking |
| P233 | Keep container tightly closed |
| P240 | Ground/bond container and receiving equipment |
| P241 | Use explosion-proof electrical/ventilating/light/.../equipment |
| P242 | Use only non-sparking tools |
| P243 | Take precautionary measures against static discharge |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray |
| P264 | Wash ... thoroughly after handling |

| | |
|----------------|---|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P310 | Immediately call a POISON CENTER or doctor/physician |
| P321 | Specific treatment (see Section 4 on this SDS) |
| P363 | Wash contaminated clothing before reuse |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing |
| P305+P351+P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing |
| P370+P378 | In case of fire: Use ... for extinction |
| P405 | Store locked up |
| P403+P235 | Store in a well ventilated place. Keep cool |
| P501 | Dispose of contents/container in accordance with local/ regional/ national/, regulations. |

Signal Word: Danger



Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product.

Section 3 - Composition

| Chemical Name | CAS number | Weight Concentration % |
|--|------------|------------------------|
| Water | 7732-18-5 | 1.00% - 2.00% |
| Poly (oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- | 34398-01-1 | 3.00% - 7.00% |
| 2-butoxyethanol | 111-76-2 | 1.00% - 5.00% |
| Sodium gluconate | 527-07-1 | 1.00% - 5.00% |
| Poly(oxy-1,2-ethanediyl), a,a'-[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis[w- | 68478-94-4 | 1.00% - 5.00% |
| b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]-monosodium salt | 64972-19-6 | 1.00% - 2.00% |
| Propylene glycol | 57-55-6 | 1.00% - 2.00% |
| Potassium hydroxide | 1310-58-3 | 1.00% - 2.00% |

Section 4 - First Aid Measures

INHALATION - Take affected persons out into the fresh air. Supply fresh air; consult doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of unconsciousness place patient stably in side position for transportation.

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - Immediately remove any clothing soiled by the product. Immediately wash with water and soap and rinse thoroughly. Rinse until skin no longer feels slippery. If skin irritation continues, consult a doctor.

INGESTION - If material is ingested, rinse out mouth with water and seek immediate medical attention. Do not induce vomiting but if vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs. If victim is conscious drink large quantities of water to dilute stomach contents.

Notes to Physician: If swallowed, gastric irrigation with added, activated carbon. If swallowed or in case of vomiting, danger of entering the lungs. If necessary oxygen respiration treatment.

Section 5 - Fire Fighting Measures

Flash Point: 52°C (126°F)

LEL: 1.00

UEL: 13.00

EXTINGUISHING MEDIA: Use carbon dioxide (CO₂), "alcohol" foam, dry chemical, or sand.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Keep nonessential personnel away from the contaminated area. Spilled product may be very slippery!

SMALL SPILLS: Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Steel or plastic containers are acceptable for wastes. Rinse with water to remove any residue.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Steel or plastic containers are acceptable for wastes. Rinse with water to remove any residue.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Avoid aerosolizing product. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

Do not allow product to come in contact with aluminum.

STORAGE: Requirements to be met by storerooms and receptacles:

Store in a cool location.

Provide ventilation for receptacles.

· Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with acids.

· Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Keep container tightly sealed.

REGULATORY REQUIREMENTS: No data found.

Section 8 - Exposure Controls / Personal Protection

| Chemical Name / CAS No. | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
|---|----------------------------------|-----------------------|-----------------------|
| Water 7732-18-5 | Not Established | Not Established | Not Established |
| Poly (oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- 34398-01-1 | Not Established | Not Established | Not Established |
| 2-butoxyethanol 111-76-2 | PEL 50 ppm 240mg/m3 Table z-1 | TWA 20 ppm | Not Established |
| Sodium gluconate 527-07-1 | Not Established | Not Established | Not Established |
| Poly(oxy-1,2-ethanediyl), a,a'-[[[3- (decyloxy)propyl] methyliminio]di-2,1-ethanediyl]bis[w-hydroxy-, 68478-94-4 | Not Established | Not Established | Not Established |
| b-Alanine, N-(2-carboxyethyl)-N-[3 (decyloxy)propyl]- monosodium salt 64972-19-6 | Not Established | Not Established | Not Established |
| Propylene glycol 57-55-6 | Not Established | Not Established | TWA 10mg/m3 (WEEL) |

| | | | |
|----------------------------------|-----------------|----------------|------------------|
| Potassium hydroxide 1310-58-3 | Not Established | TLV 2.00 mg/m3 | NIOSH 2.00 mg/m3 |
|----------------------------------|-----------------|----------------|------------------|

ENGINEERING:

VENTILATION: Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits. Use mechanical ventilation to reduce buildup of vapors in enclosed areas.

ADMINISTRATIVE CONTROLS: Read SDS and follow recommended procedures.

PROTECTIVE EQUIPMENT: Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to splash goggles.

Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

Respiratory protection may not be needed if the local exhaust is sufficient to maintain levels of hazardous ingredients below occupational exposure limits. If needed, use a NIOSH/MSHA approved respirator equipped with a full facepiece, organic vapor cartridges, and high-efficiency, particulate air (HEPA) filters. Do not use respirators beyond their capabilities. FOR EMERGENCIES AND UNKNOWN CONCENTRATIONS, use supplied-air respiratory protection or a positive-pressure, self-contained breathing apparatus (SCBA).

CONTAMINATED EQUIPMENT: Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

| | |
|--|---|
| <p>Appearance: Clear amber liquid</p> <p>Vapor Pressure: 15.2 mmHg</p> <p>Vapor Density: 0.8</p> <p>Specific Gravity: 1.03</p> <p>Freezing point: No Data</p> <p>Boiling range: 99°C</p> <p>Evaporation rate: No Data</p> <p>Partition coefficient (n-octanol/water): No Data</p> <p>Decomposition temperature: No Data</p> <p>Grams VOC less water: No Data</p> | <p>Odor: Leather</p> <p>Odor threshold: No Data</p> <p>pH: 14</p> <p>Melting point: No Data</p> <p>Solubility: No Data</p> <p>Flash point: 126 F, 52 C</p> <p>Flammability: No Data</p> <p>Autoignition temperature: No Data</p> <p>Viscosity: No Data</p> |
|--|---|

Section 10 - Stability and Reactivity

Stability: Hazardous polymerization will not occur.
STABLE

Components of this mixture are incompatible with the following materials: Acids and soft metals like aluminum.

This mixture is likely to exhibit the following combustion products:
Oxides of carbon and nitrogen

Section 11 - Toxicological Information

Mixture Toxicity

Inhalation Toxicity LC50: 59mg/L

Component Toxicity

| | |
|------------|---|
| 34398-01-1 | Poly (oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- Oral LD50: 1,001 mg/kg (rat) Dermal LD50: 2,001 mg/kg (rabbit) |
| 111-76-2 | 2-butoxyethanol Oral LD50: 1,400 mg/kg (Guinea pig) Dermal LD50: 2,001 mg/kg (Guinea pig) Inhalation LC50: 3 |

Inhalation Skin Contact Ingestion

Exposure to this material may affect the following organs:

Effects of Overexposure

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|--------------------------|
|-------------------|--------------------|-----------------|--------------------------|

Section 12 - Ecological Information

Ecological information: No data found.

Component Ecotoxicity

| | |
|---|--|
| Poly (oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- | Toxicity to fish - Components Poly(oxy-1,2-ethanediyl), a-undecyl-whydroxy- LC50 (96 h) : 1 - 10 mg/l Species : Fathead minnow (Pimephales promelas). Toxicity to daphnia - Components Poly(oxy-1,2-ethanediyl), a-undecyl-whydroxy- EC50 (48 h) : 1 - 10 mg/l Species : Daphnia magna. Toxicity to algae - Components Poly(oxy-1,2-ethanediyl), a-undecyl-whydroxy- EC50 (96 h) : 1 - 10 mg/l Species : Algae. |
| 2-butoxyethanol | Acute: LC-50 (Oncorhynchus mykiss, 96 h): 1,474 mg/l Acute: EC-50 (Water Flea, 48 h): 1,550 mg/l Chronic: NOEC (daphnid, 21 d): 100 mg/l Chronic: NOEC (Zebra Fish, 21 d): > 100 mg/l Chronic: EC-50 (Algae (Pseudokirchneriella subcapitata), 72 h): 1,840 mg/l |
| b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]- monosodium salt | Aquatic toxicity : (96 h) : 10 - 100 mg/l Species : Fathead minnow (Pimephales promelas). |
| Potassium hydroxide | LC50 - Gambusia affinis (Mosquito fish) - 80 mg/l - 96 h |

Section 13 - Disposal Considerations

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or

facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

Section 14 - Transport Information

This material is classified for transport as follows:

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|---|------------------|----------------------|---------------------|
| US DOT | Caustic alkali liquid, n.o.s. (Potassium Hydroxide) | UN1719 | III | 8 |

Section 15 - Regulatory Information

Additional regulatory listings, where applicable.

The following chemicals are listed in MA RTK
1310-58-3 Potassium hydroxide 1 to 2 %
111-76-2 2-butoxyethanol 1 to 5 %

The following chemicals are on the NJ RTK list:
1310-58-3 Potassium hydroxide 1 to 2 %
57-55-6 Propylene glycol 1 to 2 %
527-07-1 Sodium gluconate 1 to 5 %
111-76-2 2-butoxyethanol 1 to 5 %

The following chemicals are on the PA RTK list
1310-58-3 Potassium hydroxide 1 to 2 %
57-55-6 Propylene glycol 1 to 2 %
527-07-1 Sodium gluconate 1 to 5 %
111-76-2 2-butoxyethanol 1 to 5 %

| <u>Country</u> | <u>Regulation</u> | <u>All Components Listed</u> |
|----------------|-----------------------------------|------------------------------|
| Canada | Canadian Domestic Substances List | Yes |
| US | Toxic Substances Control Act | No |

EU Risk Phrases

Safety Phrase

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

National Fire Protection Association (NFPA)

| | |
|---------------------|--------------------------------|
| HEALTH | <input type="text" value="2"/> |
| FLAMMABILITY | <input type="text" value="2"/> |
| PHYSICAL HAZARD | <input type="text" value="0"/> |
| PERSONAL PROTECTION | <input type="text"/> |

HMIS & NFPA Hazard Rating Legend

* = Chronic Health Hazard

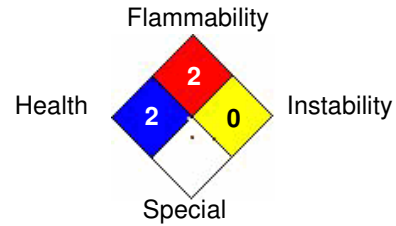
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

4 = EXTREME



DISCLAIMER AND NON-WARRANTY: This Safety Data Sheet was prepared by Shore Corporation and is correct to the best of our knowledge, information and belief at the date of its publication. The information came from raw material suppliers, regulatory databases, and/or third parties with expertise in this area. This information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. No warranties of any kind, either expressed or implied, including warranties of the accuracy of the information presented and the suitability of a product for a particular purpose

Reviewer Revision

Date Prepared: 6/30/2016