



## Material Safety Data Sheet

Revision Issued: 1/2013

Supercedes: 10/01/04

### Section I - Chemical Product And Company Identification

**Product Name: Black Bull Concrete Cleaner & Degreaser**  
**Synonyms/Common Names:** Cleaner & Degreaser, Alkaline Cleaner  
**PPCC MSDS No. CPDG-1100**

### Section II - Regulated Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Water		75		
Sodium Methasilicate	6834-92-0	10	2 mg/M3	
Nonionic Surfactants	Proprietary	10	N/A	
TKPP	1310-58-3	5	N/A	

### Section III - Hazard Identification

**Routes of Exposure:** This product may affect the body either through ingestion, inhalation, or contact with the eyes and/or skin.

**Summary of Acute Health Hazards**

**Ingestion:** May be poisonous if swallowed.

**Inhalation:** No Data Available; May be harmful if inhaled.

**Skin:** May produce irritation and burns of the skin and mucous membranes, the severity being determined by concentration and duration of exposure.

**Eyes:** Contact with the eyes may cause severe eye irritations and burns. Unless removed quickly by thorough irrigation with water, prolonged or permanent visual impairment or loss of sight may result.

**Summary of Acute Health Hazards:** Respiratory distress, irritation of mucosa lining.

**Summary of Chronic Health Hazards:** None known

**Effects of Overexposure:** N/A

**Medical Conditions Generally Aggravated by Exposure:** Periodic surveillance is indicated.

**Note to Physicians:**

### Section IV - First Aid Measures

**Ingestion:** If person is conscious, immediately administer large quantities of water. Do Not Induce Vomiting. GET PROMPT MEDICAL ATTENTION.

**Inhalation:** Move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the affected person warm and at rest. Call a physician..

**Skin:** Immediately flush contaminated skin with water and wash with soap and water. If large areas of the body are contaminated or if clothing is penetrated, immediately use safety shower preferably removing clothing while under the shower. Flush exposed areas with large amounts of water for at least 15 minutes. Wash clothing before reuse.



**Eyes: Check and remove any contact lenses.** Immediately flush eyes with a directed stream of water for at least 30 minutes. Cold Water may be used. Consult a Physician immediately!

### Section V - Fire Fighting Measures

**Flash Point:** None None

**Autoignition Temperature:** N/A

**Lower Explosive Limit:** N/A

**Upper Explosive Limit:** N/A

**Unusual Fire and Explosion Hazards:** Toxic fumes may be released..

**Extinguishing Media:** N/A

**Special Firefighting Procedures:** Use self-contained breathing apparatus and full protective equipment.

### Section VI - Accidental Release Measures

Use personal protective equipment (PPE).

**Small Spill:** Wear protective equipment, contain spill. Soak up with inert absorbent. Sweep, shovel or vacuum up and place in dry, clean container. Do not flush to sewer. Do not allow runoff into ditches which lead to waterways. Product may be toxic to fish or wildlife.

**Large Spill:** Evacuate persons from area that are not equipped with proper protective equipment. Dike to prevent spreading. Do not flush to sewer. Do not allow runoff into ditches which lead to waterways.

### Section VII - Handling and Storage

Store in a cool, dry, well-ventilated area away from heat and oxidizing agents. Use equipment designed for acid service for handling and storage. Contents may develop pressure upon prolonged exposure. Do not store in direct sunlight. Do not store in metal containers. Store protected from moisture. Do not breathe vapor or mist.

### Section VIII - Exposure Controls/Personal Protection

**Respiratory Protection:** Use approved organic vapor acid-gas respirator for areas where airborne exposure is excessive.

**Ventilation:** Provide good general room ventilation to minimize exposure. Use local exhaust ventilation at points of vapor emission. System should be discharged into absorption media.

**Protective Clothing:** Wear protective gloves such as rubber or neoprene to minimize skin contact. Use of rubberized coveralls and rubber shoes are suggested. Wash thoroughly after use. In case of emergency, or where there is a possibility of considerable exposure, wear complete acid suit with hood and forced air or self contained breathing apparatus.

**Eye Protection:** Wear safety glasses with side shields or chemical goggles. Person subject to hydrochloric acid exposure should not wear contact lenses.

**Other Protective Clothing or Equipment:** Eye wash and safety shower should be in close proximity.

**Work/Hygienic Practices:** All employees who handle this product should wash their hands before eating, drinking, smoking, or using toilet facilities.

### Section IX - Physical and Chemical Properties

**Physical State:** Liquid

**pH:** 1.0

**Melting Point/Range:**

**Boiling Point/Range:** 212°F

**Appearance/Color/Odor:** Colored liquid, mild odor.

**Solubility in Water:** Soluble

**Vapor Pressure (mmHg):**

**Specific Gravity (Water=1):**

**Molecular Weight:**



Vapor Density (Air=1):

% Volatiles (by volume):

How to detect this compound : N/A

### Section X - Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Heat or fire, runoff to sewer.

**Materials to Avoid:** inorganic acids, organic acids, bleaching agents (oxidizers). Avoid contact w/ bleaching agents and oxidizers which include chlorine, oxygen, permanaganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid and sulfuric acid.

**Hazardous Decomposition Products:** Flammable hydrogen gas can be produced by the reaction with most metals. Chlorine will be released by mixing with strong oxidizers. Hydrogen chloride, carbon monoxide, carbon dioxide.

### Section XII - Ecological Information

Product may be toxic to fish or aquatic life.

### Section XIII - Disposal Considerations

Dispose of spilled or wasted product, contaminated soil and other contaminated materials in licensed landfill or treatment facility in accordance with all local, state and federal regulations.

### Section XIV - Transport Information

**DOT Proper Shipping Name:** Not Applicable, Non hazardous shipping, Non Regulated

### Section XV - Regulatory Information

**Reportable Quantity:**

**NFPA Rating:** Health - 2; Fire - 0; Reactivity - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

**Uniform Fire Code Rating:** Class 3 Water-Reactive Material.

**Carcinogenicity Lists:** No **NTP:** No **OSHA Regulated:** No

**IARC Monograph:** None

### Section XVI - Other Information

**Chemical Family/Type:** Inorganic Cleaning Compound

**Sections changed since last revision:** II, III, V, VII, IX, XI, XV, XVI

**IMPORTANT!** Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Perk Products & Chemical Co. Inc.** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the



information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.