Safety Data Sheet

(pursuant to 29 CFR §1910.1200(g) and Appendix D)

Section 1: Product Identification
Product Name: Big Rig Pressure Wash Detergent  
Product No. 859  
Recommended Use: Truck and vehicle washing
Manufacturer: Crown Chemical, Inc.  
Address: 4701 W. 136th Street  
Crestwood, IL 60445  
www.crown-chem.com
Daytime Telephone: (708) 371-6990  
Emergency Telephone (24 hour): (800) 553-5053

Section 2: Hazard Identification
Hazard Class: Corrosive Mixture  
Signal Word: Danger
Hazard Category(ies): Eye Damage/Irritation – Category 1; Skin Corrosion/Irritation – Category 1A
Acute Toxicity – Oral – Category 4  
Hazard Statement(s): Causes serious eye damage; Causes severe skin burns and eye damage; Harmful if swallowed

Precautionary Statements:
Prevention: Do not breathe dust or mists. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective rubber gloves and chemical splash goggles or face shield when using this product. If inhalable particles of dusts or mists may occur during use, wear NIOSH approved respiratory protection. Mix only with water.
Respons: Rinse out mouth. Do NOT induce vomiting. Immediately call a Poison Control Center or doctor for treatment advice. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a Poison Control Center or doctor for treatment advice. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a Poison Control Center or doctor for treatment advice.

Storage: Store locked up  
Disposal: See Section 13 for disposal information  
Hazard Not Otherwise Classified: None identified

Section 3: Composition/Information on Ingredients
Product Type: Mixture
Hazardous Ingredient Name (common name(s))  
CAS Number  
Concentration Range (%)
Disodium Trioxosilicate  
6834-92-0  
10-20

Section 4: First-Aid Measures
If swallowed: Rinse out mouth. Do NOT induce vomiting. Immediately call a Poison Control Center or doctor for treatment advice.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a Poison Control Center or doctor for treatment advice.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a Poison Control Center or doctor for treatment advice.

Indication of Immediate Medical Attention and Special Treatment Needed: Treat exposure symptomatically. In all cases of eye contact, ingestion, or inhalation, contact a doctor or Poison Control Center immediately.

Section 5: Fire-Fighting Measures
Suitable Fire Extinguishing Media: Use water spray, fog or foam.  
Specific Hazards: None known
Decomposition Byproducts: Carbon dioxide, carbon monoxide and/or metal oxides.
Specific Protective Equipment: Self-contained breathing apparatus.
Specific Precautions: Remove all persons from the vicinity. No responsive action should be taken without proper training.

Section 6: Accidental Release Measures
Personal Precautions: Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).
Spill Cleanup: Do not allow spilled material to enter sewers, waterways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

Section 7: Handling and Storage
Handling Precautions: Avoid contact with eyes, skin or clothing. Avoid inhalation of dust or mists. Use in a well ventilated area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
Storage Precautions: Store in a locked location inaccessible to small children. Keep container closed when not in use. Store in a well ventilated area between 60-100°F (15–38°C).

Section 8: Exposure Controls/Personal Protection
Hazardous Ingredient Name (common name)  
OSHA PEL  
ACGIH TLV
Disodium Trioxosilicate  
No data available  
No data available

Engineering Controls: Use with adequate ventilation to maintain exposure limits below listed thresholds.

Personal Protective Equipment: The following protective equipment is recommended during usage:
Eye protection: Wear chemical splash goggles or face shield when using this product. Skin protection: Wear protective rubber gloves, a long sleeve shirt and, if necessary, a rubber apron to prevent contact. Respiratory protection: Wear a NIOSH respirator approved for corrosive dusts or mists.

Hygienic Measures: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid contact with clothing or shoes. Wash contaminated items before reuse. Avoid wearing contact lenses when using this product.

Section 9: Physical and Chemical Properties
Physical State: White Powder  
Odor: Characteristic  
Specific Gravity: >1.15  
Melt Point: NA  
Freeze Point: NA
Boiling Point: No Data  
Flash Point: NA  
Evaporation Rate: (H2O = 1.0); NA  
Flammability: NA
Explosion Limits: NA  
Vapor Pressure: No Data  
Vapor Density (Air =1.0): NA  
Relative Density: >1.0
Solubility (in 120°F Water): 100%  
Viscosity (H2O =1.0); NA  
Partition coefficient: n-octanol/Water: No data available
Auto Ignition Temperature: No data available  
Decomposition Temperature: No data available

Section 10: Stability and Reactivity
Stability: Product is stable under normal storage and usage conditions.
Reactivity: Product is not reactive under normal storage and usage conditions. Mix this product ONLY with water.
Incompatibilities: Acid, metals. Hazardous Decomposition Byproducts: None are expected under normal storage and usage conditions.

Section 11: Toxicological Information
Hazard Category(ies): Eye Damage/Irritation – Category 1; Skin Corrosion/Irritation – Category 1A
Acute Toxicity – Oral – Category 4  
Hazard Statement(s): Causes serious eye damage; Causes severe skin burns and eye damage; Harmful if swallowed
Precautionary Statements: Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

Section 12: Ecological Information
Ecotoxicity: No specific data available for this mixture. Disodium Trioxosilicate is known to be moderately toxic to aquatic life. Persistence and Degradability: No data  
Bioaccumulative Potential: No data  
Mobility in Soil: No data  
Other Adverse Effects: No known significant effects or critical hazards.

Section 13: Disposal Considerations
Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

Section 14: Transport Information
DOT Proper Shipping Name: UN 3262, Corrosive Solid, Basic, Inorganic, N.O.S., 8, PG III (Contains Disodium Trioxosilicate)
Note: Certain package sizes of this product may qualify for exceptions to DOT’s packaging, labeling and other requirements, and thus may have different DOT shipping names. For bulk shipments, see the shipping documents.

Section 15: Regulatory Information
Regulation  
Listing
TSCA §8(b) Inventory  
All Ingredients Listed
SARA Title III §301-303 Extremely Hazardous Substances  
None
SARA Title III §304 Reportable Quantity (RQ) Release Notification Chemicals  
None
SARA Title III §311-312 Right-To-Know Hazardous Chemicals  
Disodium Trioxosilicate
SARA Title III §311-312 Right-To-Know Extremely Hazardous Substances  
None
SARA Title III §313 Form R Reportable Chemicals  
None

Section 16: Other Information
Date of Last Revision: January 1, 2019

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.