

Safety Data Sheet**24 Hour Emergency Phone: USA: CHEMTREC 1-800-424-9300****Section 1. Product & Company Identification**Product Name: **UltraConcentrate, Base 021- Medium Alkaline**Product Number: **UF021**

Product Description / Use: Powdered Alkaline Detergent Base for commercial car washes.

Manufacturer: Cleaning Systems, Inc., 1997 American Blvd., P.O. Box 5606, De Pere, WI 54115-5606
 Phone: 1-920-337-2175. Fax: 1-920-337-9410. www.cleaningsystemsinc.com.

Section 2: Hazards IdentificationHazard Class: **1A Corrosive**Signal Word: **Danger**

Hazard Pictogram:

Hazard Statement(s): **H314: Causes severe skin burns and eye damage.**Precautionary Statement(s): **P260: Do Not Breathe Dust/Spray. P264: Wash exposed area thoroughly after handling. P280: Wear protective gloves/eye protection.**Precautionary Statement Response: **P303 + P361 + P353: IF ON SKIN (or hair) Remove immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.**Precautionary Statement Storage: **P405: Store locked up.**Precautionary Statement Disposal: **P501: Dispose of container to trash/landfill.****Section 3: Composition / Information on Ingredients**

Ingredient(s)	CAS #	EC #	Wt. %	Classification
Sodium Hydroxide	1310-73-2	215-185-5	10-20	1A Corrosive
Sodium Metasilicate	6834-92-0	229-912-9	20-30	1B Corrosive STOT SE3

Section 4: First Aid Measures

Eyes: Flush with clear water for at least 15 minutes. Get immediate medical attention.

Skin: Rinse well with water. Remove contaminated clothing. If exposure is significant seek medical attention.

Ingestion: Give water if conscious. Do not induce vomiting, although vomiting may occur naturally. Get immediate medical attention.

Inhalation: Move to fresh air. If irritation persists, get medical attention.

Section 5: Fire Fighting Measures

Product will not burn. No known hazardous decomposition products.

Unusual Fire & Explosion Hazards: Upon contact with dusts of Al, Sn or Zn, may produce Hydrogen gas, which is flammable.

Fire Fighting Procedures: Appropriate for surrounding materials.

Section 6: Accidental Release MeasuresPersonal Precautions: Use personal protective equipment recommended in Section 8.Environmental Precautions: Keep spills away from storm drains, surface water and soil.Spills and Leaks: Small spills - Rinse to drain. Large spills - Contain for reclamation or disposal. Neutralize with dilute acid, preferably acetic acid.Caution: Spills of this material may cause floor to become slippery. Dusts and powder can land on skin and absorb moisture causing burns.**Section 7: Handling and Storage**

Store in original container at temperatures below 120°F. Open carefully and avoid spilling contents when using. Product is for use as a detergent base in commercial, automatic car wash applications.

Section 8: Exposure Controls / Personal ProtectionIngredient Exposure LimitsOSHA PELACGIH TLV

Sodium Hydroxide (<60% in product)

2 mg/m³2 mg/m³Personal Protection

Eyes: Wear Chemical Goggles

Respiratory: Good General Ventilation. Respirator not normally required

Skin: Neoprene Gloves. Rubber Apron if greater exposure is likely.

Avoid being sprayed by diluted product in the car wash.

Section 9: Physical and Chemical Properties

Appearance: Greenish powdered material.
Odor: Acrid dusts.
Odor Threshold: Not Determined.
pH at 10% wt/wt: 13.4
% Volatile (w/w): Not Applicable
Freezing Point: Solid Material.

Initial Boiling Point: Not Applicable.
Flash Point: Will Not Burn.
Evaporation Rate: Not Applicable.
Flammability: Will Not Burn.
Vapor Pressure: Not Determined.
Vapor Density: Not Determined.

Bulk Density: 55-58 lbs/ft³, 880-930 kg/m³
Solubility in Water: <25%.
Partition coefficient: Not Determined.
Auto-Ignition Temperature: Not Applicable. Decomposition Temperature: Not Applicable.

Section 10: Stability and Reactivity

Stability: Slightly reactive.

Conditions to Avoid: When in contact with water, may generate sufficient heat and cause splattering to ignite combustible materials.

Materials to Avoid: Strong Acids. Dusts of Aluminum, Tin, or Zinc.

Hazardous Polymerization will NOT occur.

Section 11: Toxicological Information

Acute toxicity: No data is available on this mixture.

Skin Corrosion / Irritation: This product is Corrosive to skin with even short exposures.

Serious Eye damage / Irritation: This product is Corrosive to eyes.

Respiratory of Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available on this mixture. No indication from ingredients.

Carcinogenicity: No data available on this mixture. No indication from ingredients.

Reproductive Toxicity: No data available on this mixture. No indication from ingredients.

STOST-Single Exposure: No data available on this mixture. No indication from ingredients.

STOST-Repeated Exposure: No data available on this mixture. No indication from ingredients.

Aspiration Hazard: No data available.

No toxicological data is available on this mixture. For information on ingredients, write to the address listed in Section 16 of this MSDS

Section 12: Ecological Information

Ecological Toxicity: No data is available on this mixture.

Biodegradability: No data is available on this mixture. This product does not contain surfactants.

Section 13: Disposal Considerations

Follow all Federal, State, and Local Regulations appropriate for this material.

Neutralize pH with dilute acid before disposal.

Wastewater resulting from use of this product should be directed to a properly operating wastewater treatment facility.

Section 14: Transportation Information

ADR/RID/IMO/ICAO/US DOT Hazardous Material Class: Sodium Hydroxide Solid, Class 8, PG II

UN Number: UN1823

Section 15: Regulatory Information

EPA SARA Title III Section 312 (40CFR 370) Hazard Classification of ingredients: Acute Health Hazard.

California Prop. 65: This product does not contain materials that are found by the state of California to cause cancer, birth defects and other reproductive harm.

Section 16: Other Information

Hazard & Precautionary Statements in Section 2 are taken from the European CLP Directive.

Prepared by: Richard Martens Chemist, Cleaning Systems, Inc.

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Phone: 1-920-337-2175

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