

MATERIAL SAFETY DATA SHEET

Total Solutions
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GENERAL INFORMATION NUMBER: (414) 354-6417
CHEMTREC: (800) 424-9300

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I - Product Identification

Car Wash

PRODUCT CODE: 0668

CHEMICAL FORMULATION: Granular alkaline detergent.

NFPA HAZARD IDENTIFICATION SYSTEM: **HEALTH:** 1

FLAMMABILITY: 0

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
	<u>%</u>	<u>PEL</u>	<u>TLV</u>	<u>302</u>	<u>355</u>	<u>372</u>	
Sodium Sulfate	40.0-50.0	N/E	N/E	N	N	N	7757-82-6
Sodium Tripolyphosphate	15.0-25.0	N/E	N/E	Y	N	N	7758-29-4
Sodium Carbonate	15.0-25.0	N/E	N/E	N	N	N	497-19-8
Sodium Metasilicate	1.00-10.0	N/E	N/E	N	N	N	6834-92-0
Sodium Dodecylbenzenesulfonate	1.00-10.0	N/E	N/E	Y	N	N	25155-30-0

Key: **PEL:** Permissible Exposure Limit **TLV:** Threshold Limit Value **C:** Ceiling level **STEL:** Short Term Exposure Limit
N/A: Not Applicable **N/D:** Not Determined **N/E:** Not Established **Y:** Yes **N:** No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/A

SPECIFIC GRAVITY (WATER = 1): N/A

VAPOR PRESSURE (mm Hg): N/D

VOC CONTENT (% by weight): <1.0

VAPOR DENSITY (AIR = 1): N/D

EVAPORATION RATE (WATER = 1): N/A

SOLUBILITY IN WATER: Soluble

pH: N/A

APPEARANCE AND ODOR: Blue, free-flowing powder, no odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/A

(TEST METHOD): Closed cup

FLAMMABLE LIMITS IN AIR (VOLUME %) **UPPER:** N/A **LOWER:** N/A

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: None.

V - Reactivity Data

STABILITY: Stable**INCOMPATIBILITY:** Strong acids and oxidizers.**CONDITIONS TO AVOID:** None**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.**HAZARDOUS POLYMERIZATION:** Will not occur.

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None.**EFFECTS OF OVEREXPOSURE****IF IN EYES:** Moderate irritation, redness, tearing.**IF ON SKIN:** Irritation with prolonged or repeated contact.**IF SWALLOWED:** Irritation or respiratory tract, burns to mucous membranes, nausea, cramps.**IF INHALED:** Respiratory irritation.**EMERGENCY AND FIRST AID PROCEDURES****IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**IF ON SKIN:** Remove contaminated clothing and launder before re-use. Flush skin thoroughly with water.**IF SWALLOWED:** Contact physician or poison control center immediately. Rinse mouth with water. Give affected person 1 to 2 glasses of water. Do not induce vomiting unless told to do so by a physician or poison control center. Never give anything to an unconscious person.**IF INHALED:** Remove person to fresh air.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Sweep up spilled material for reuse or place in a properly labeled container for disposal.**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe dusts.**VENTILATION****LOCAL:** Recommended**MECHANICAL:** Not required**PROTECTIVE GLOVES:** Chemical resistant.**EYE PROTECTION:** Safety glasses or goggles.**OTHER PROTECTIVE EQUIPMENT:** None.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from acids. Keep container tightly closed when not in use.**OTHER PRECAUTIONS:** Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT ID NUMBER: None**DOT PROPER SHIPPING NAME:** None**DOT CLASS:** None**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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