

# MATERIAL SAFETY DATA SHEET

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

REVISION DATE: September 15, 2010  
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## I - Product Identification

### Truck Wash

PRODUCT CODE: 0430

CHEMICAL FORMULATION: Water based alkaline detergent.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 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.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Sodium Tripolyphosphate	1.00-10.0	N/E	N/E	Y	N	N	7758-29-4
Sodium Metasilicate	1.00-5.00	N/E	N/E	N	N	N	6834-92-0
Trisodium Phosphate	1.00-5.00	N/E	N/E	N	N	N	7601-54-9
Potassium Hydroxide	1.00-3.00	2 mg/m <sup>3</sup> C	2 mg/m <sup>3</sup> C	Y	N	N	1310-58-3
Poly (oxyethylene) nonylphenol	1.00-3.00	N/E	N/E	N	N	N	9016-45-9

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/D SPECIFIC GRAVITY: 1.11  
VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): None  
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): N/D  
SOLUBILITY IN WATER: Soluble pH: 12.00-13.75  
APPEARANCE AND ODOR: Clear, brown liquid, slight detergent odor.

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): None (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. Cool fire-exposed containers with water fog.  
UNUSUAL FIRE AND EXPLOSION HAZARD: Application of water to this material may cause exothermic reactions.

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**V - Reactivity Data**

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**STABILITY:** Stable.

**INCOMPATIBILITY:** Acids.

**CONDITIONS TO AVOID:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**VI - Health Hazard Data**

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**ROUTES OF ENTRY INHALATION:**            **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:** Causes irritation, destruction of tissue, redness, swelling and tearing, possibly resulting in blindness.

**IF ON SKIN:** Causes irritation with prolonged or repeated exposure, burns and dermatitis.

**IF SWALLOWED:** May be harmful or fatal if swallowed. Severe burns, destruction of tissue.

**IF INHALED:** Irritation to respiratory tract, dizziness, headache.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Call a physician immediately and continue flushing until medical attention is obtained.

**IF ON SKIN:** Flush with plenty of cool water for at least 15 minutes while removing contaminated clothing. Obtain medical attention. Launder clothing separately before re-use.

**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. .

**IF INHALED:** Remove person to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a closed container for disposal. Flush residue away with large amounts of water.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

**VENTILATION**

**LOCAL:** Recommended    **MECHANICAL:** Not required

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety glasses or chemical goggles.

**OTHER PROTECTIVE EQUIPMENT:** Protective clothing, eyewash station.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool dry area, away from acids. Do not mix with any other cleaning chemical. Always add this product to water, never add water to this product. Rinse container before discarding. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children.

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**IX - Transportation Information (ground transportation only)**

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**DOT ID NUMBER:** NA1760

**DOT PROPER SHIPPING NAME:** Compounds, cleaning liquid (Potassium Hydroxide)

**DOT CLASS:** 8

**DOT PACKING GROUP:** III

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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