

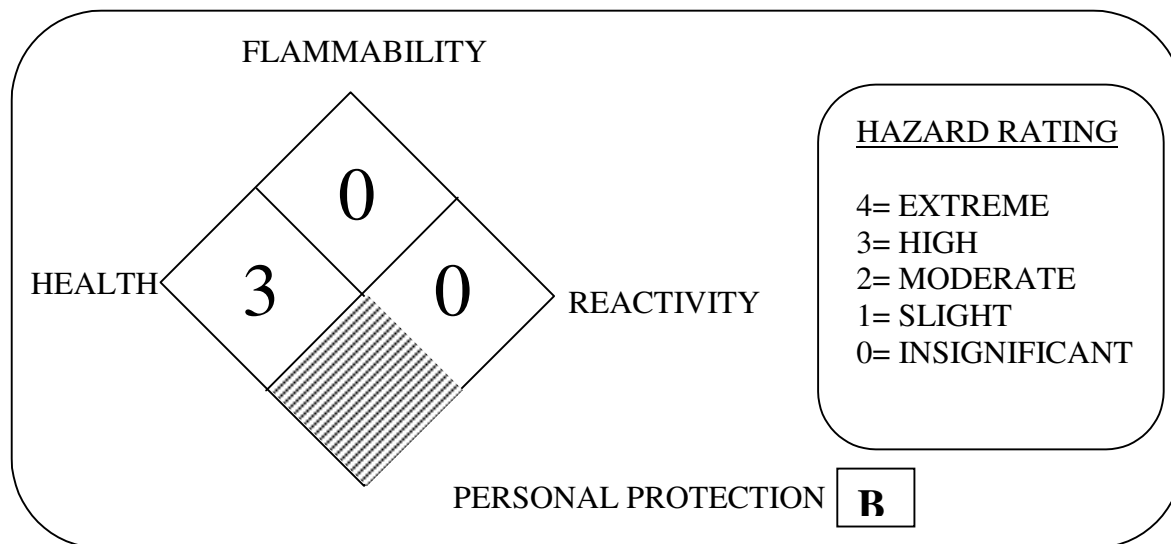
ALL PURPOSE TRUCK WASH CONCENTRATE

PRODUCT CODE: CAR-772
MATERIAL SAFETY DATA SHEET

Section 1- Manufacturer's Information

Manufacturer's Name	C.A.R. Products, Inc.
Manufacturer's Address	630 Beaulieu St. Holyoke, MA 01040
Manufacturer's Phone Number	Local 413-536-9900 Toll Free 800-537-7797
Emergency Phone Number	Chemtrec 800-424-9300
Product Information	C.A.R. Products 800-537-7797
Effective Date	12/01/00
Chemical Name	All Purpose Truck Wash Concentrate
DOT Shipping Description	Compounds, Cleaning Liquid (Sodium Hydroxide) 8, NA1760, PGII Emergency Response Guide #154
Chemical Family	Strong Alkaline Detergent
Chemical Comment	Hazardous ingredients in section II are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372).
Chemical Formula	Mixture of alkalis and wetting agents.

Hazardous Materials Identification System (HMIS)



N/E = Not Established or Unknown
N/A = Not Applicable

Section II- Hazardous Ingredient

<u>Hazardous Component</u>	<u>CAS Number</u>	<u>Hazardous %</u>	<u>TLV (Units)</u>
Sodium Hydroxide	1310-73-02	< 10	2mg/m3 Ceiling
Inert Ingredients		< 10	
Non-Hazardous Ingredients		> 80	

Section III- Physical & Chemical Data

Boiling Point (°F)	> 212 °F
Volatility/VOL (%)	> 80 %
Melting Point (°F)	N/A
Vapor Pressure (mm Hg)	N/E
Vapor Density (Air = 1)	N/E
Solubility In H ₂ O	Complete
Appearance/Odor	Yellow liquid, bland fragrance
Specific Gravity (H ₂ O = 1)	1.188
Evaporation Rate	Like water
pH	11.53

Section IV- Fire & Explosion Hazard Data

Flash Point (°F)	None
Lower Flame Limit	N/A
Higher Flame Limit	N/A
Extinguish Media	As needed for surrounding fire
Special Fire Fighting Procedures	None
Unusual Fire Hazard	May produce flammable hydrogen gas upon contact with reactive metals

Section V- Health Hazard Data

Routes of Entry	Inhalation (mists), skin, ingestion
Health Hazards	Irritation or burns
NTP	No
IARC Monographs	No
OSHA Regulated	No
Threshold Limit Value	N/E , blended product. See section II for information on listed ingredients.

Section V-Health Hazard Data continued

Over Exposure Effects

Skin Contact: Irritation or burns.
Eye Contact: Burns.
Inhalation: Inhalation of concentrated mists-irritation of upper respiratory tract: possible burns, chemical pneumonia, and lung damage.
Ingestion: Burns of mouth, throat and stomach: pain, nausea, vomiting, shock symptoms.

First Aid

Skin Contact: Immediately flush with cool running water for 15 minutes. Remove contaminated clothing and wash before reuse. If irritation or burn develops and persists, get medical advice or assistance.
Eye Contact: Immediately flush with cool running water holding eye lids apart. Remove contact lenses if present, and continue flushing for 15 minutes. Get medical assistance.
Inhalation: Remove to fresh air. Immediately call for medical advice or assistance if breathing difficulty or irritation is severe or continues.
Ingestion: Rinse mouth with large amounts of water. Drink water, milk or other fluids to dilute. Do not induce vomiting unless directed by medical personnel. Immediately call for medical advice or assistance.

Section VI-Stability & Reactivity Data

Chemical Stability	Stable
Conditions To Avoid	Contact with Incompatible materials
Incompatible Materials	Avoid contact with strong acids, reactive metals, strong oxidizers, most organic material such as leather, paper, wool.
Decomposition Products	Oxides of carbon
Hazardous Polymerization	Will not occur
Polymerization Avoid	N/A

Section VII- Spill or Leak Procedure

For Spill

Small spills, less than 1 gallon: Neutralize with sodium bicarbonate (baking soda) if available, or a mild detergent. Flush to drain with excess water.
Large spills: Only knowledgeable and properly protected people should work with a large spill. Get professional assistance if necessary. Stop source of discharge if safe to do so. Evacuate unprotected personnel. Contain spilled material, and keep from discharging to surface waters.
Recover to drum for later use,

Section VII-Spill or Leak Procedure continued

Waste Disposal Method: treatment, or disposal. Recover using alkali resistant pump, scoops, absorbent material, or other process as appropriate. Neutralize contaminated area with sodium bicarbonate (baking soda), a mild detergent, or a dilute solution of a mild acid such as vinegar or citric acid. Flush to drain. Notify local, state, or national authorities if required. Product and un-neutralized solutions are corrosive. Dispose of according to national, state, and local rules.

Section VIII- Special Protection

Respiratory Protection	None normally required. NIOSH/MSHA approved respirator where conditions may cause exposure limits to be exceeded, including mists.
Ventilation	General or local to avoid exposure to irritating mists.
Protective Gloves	Alkali resistant, impermeable.
Eye Protection	Goggles and/or face shield.
Other Protection	Alkali resistant, impermeable apron and shoes.

Section IX-Special Precautions

Keep out of reach of children. For industrial or institutional use only.

Disclaimer: This information is , to the best of our knowledge, current, accurate, and complete as of the date of this document. However, we make no representation as to its accuracy. Such information may not be accurate when product is used in any process or combined with other materials. In certain circumstances additional information may be necessary. No representation(s), guarantee(s), or warranty, either expressed or implied, or of any nature, is made with respect to the product or data provided.

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