



ULTRA WASH

Material Safety Data Sheet

MSDS No. T0081

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: 3 X ULTRA WASH**Product Class:** Biodegradable Water Base Automotive Cleaner Concentrate**CAS Number:** Mixture – Not Established**General Use:** Commercial Vehicle Wash and Wax Cleaner

Section 2 - Composition / Information on Ingredients

| Ingredient Name | CAS Number | %wt or % vol |
|---------------------------------|----------------|-----------------|
| Water | 7732-18-5 | 40-60 |
| Sodium Dodecylbenzene Sulfonate | 25155-30-0 | 30-40 |
| Sodium Laureth Sulfate | 9004-82-4 | 1-10 |
| Carnuba Wax Emulsion | Mixture – None | 1-10 |

Exposure Limits:

| Ingredient | OSHA –PEL | | ACGIH-TLV | | NIOSH | | NIOSH IDLH |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| | TWA | STEL | TWA | STEL | REL | STEL | |
| Water | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. |
| Sodium Dodecylbenzene Sulfonate | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. |
| Sodium Laureth Sulfate | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. |
| Carnuba Wax Emulsion | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. | none estab. |

Section 3 – Health Hazard Identification

Primary Entry Routes: Ingestion, Inhalation, Skin Absorption and Eye Contact.**Target Organs:** None Known**Acute Effect Inhalation:** Vapors and mists may cause slight irritation of the respiratory tract. Possible headaches or some irritation to nose and throat.**Eye:** Exposure to eyes will cause irritation depending on the concentration of fluid. Tearing, redness, swelling, blurred vision may result.**Skin:** Slight irritation under normal conditions of use. Possible redness or drying of skin.**Ingestion:** Irritation of the gastrointestinal tract. Discomfort, nausea, dizziness and possible diarrhea may result.**Carcinogenicity:** IARC, NTP and OSHA do not list any of the ingredients as a carcinogen .**Medical Conditions Aggravated by Long-Term Exposure:** Chemical properties of this material suggest that over exposure is unlikely to aggravate existing medical conditions.**Chronic Effects:** Overexposure to vapor may result in eye and respiratory tract irritation. Tearing, nausea, dizziness and headaches may result. Prolonged or repeated skin contact with this product may cause irritation and dermatitis.**HMIS**

| | |
|-------------|----------|
| H | 1 |
| F | 1 |
| R | 0 |
| PPE† | |
| †Sec.8 | |

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Eye Contact: IMMEDIATELY flush eyes with a direct stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Skin Contact: If irritation develops flush skin with plenty of water. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient drink 2-3 glasses of water; do not induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY.

Note to Physicians: Treat symptoms.

Special Precautions/Procedures: *After first aid, get appropriate in-plant, paramedic, or community medical support.*

Section 5 - Fire-Fighting Measures

Flash Point: Combustible liquid estimated at above 200°F.

Flash Point Method: Not established.

Autoignition Temperature: No Data.

LEL: No Data.

UEL: No Data.

Extinguishing Media: Water spray, dry chemical, carbon dioxide, alcohol foam

Unusual Fire or Explosion Hazards: Low hazard. This product would not be expected to burn or ignite unless a majority of the water is evaporated or boiled away or liquid exceeds flashpoint. The remaining organic compounds may be ignitable. Heated vapors may be ignited by flames or sparks.

Hazardous Combustion Products: Hydrogen Chloride, Oxides of Nitrogen, Carbon Monoxide and Carbon Dioxide.

Fire-Fighting Instructions: Use extinguishing media appropriate for surrounding fire. Use water spray to cool nearby containers and structures exposed to fire. Do not release runoff from fire control methods to sewers or waterways. Keep personnel removed and upwind.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode with full protective clothing.



Section 6 - Accidental Release Measures

Spill/Leak Procedures: Review section on fire fighting measures, use appropriate personal protective equipment measures during cleanup. Extinguish all ignition sources for combustible products with flash points and ventilate area. Dike area with inert materials to contain spill. Prevent liquid from entering sewers, waterways or low areas. Transfer liquids and solid diking material to separate suitable approved containers for recovery or disposal. Do not flush into sewer. Clean up residue with soap and water. Keep non-authorized personnel away. Spill area will be slippery, use care to avoid falling.

Waste Disposal Method: Recovery and reuse rather than disposal should be the ultimate goal of handling efforts after a spill. Dispose of recovered non-usable non-hazardous liquid product and material used in cleaning up the spill in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Small spills (less than 1 gallon) can be neutralized with high volumes of water and discharged into a wastewater treatment system. Reduce discharge rate if foaming occurs (Minimum of 40 parts water to 1 part product).

Section 7 - Handling and Storage

Handling Precautions: Avoid eye contact. Wash thoroughly after handling. Do not ingest. Do not breath vapors or mist. Use with adequate ventilation. Do not cut, grind, puncture, drill, weld, on or near containers. Vapors are combustible to open flames. Keep containers closed when not in use. Do not use pressure to empty containers. Always loosen closure cautiously when opening.

Storage Requirements: Store in a cool, dry, well-vented area away from direct sunlight, heat, flames and sparks in a controlled environment. Do not store near combustible materials or liquids. Do not store in open unlabeled or mislabeled containers. Empty containers retain product vapor or residue. Follow all label warnings even after container is empty. Keep from freezing. Keep out of reach of children.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use local exhaust ventilation with a minimum capture velocity of 150 FT/Min. At the point of dust or mist evolution.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2) or standard occupational exposure limits. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Respiratory Protection: None required under normal circumstances of use if maintaining airborne contamination concentrations below standard occupational exposure limits. If using in a confined area with mists and fumes present use a respirator. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessel, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handling.

Section 9 - Physical and Chemical Properties

Physical State: Semi Viscous Liquid

Appearance and Odor: Purple Liquid Floral Scented.

Odor Threshold: Vapor Pressure: Not Determined

Vapor Density (Air=1): Less than 1

Specific Gravity (H₂O=1, at 72 °F): 1.02

pH: 9 - 10

Water Solubility: 100%

Boiling Point: Estimated at 212°F

Freezing Point: Range 20-25°F

Viscosity: SP.#3, 20 rpm (350-460 cps)

% Volatile: 40 - 60%

Evaporation Rate: Not Determined

Section 10 - Stability and Reactivity

Stability: Stable in a controlled environment in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization should not occur.

Chemical Incompatibilities: Strong oxidizing agents, bleaching agents, acids and reducing agents.

Conditions to Avoid: Avoid excessive heat, open flames and high heat as heated vapors may be combustible

Hazardous Decomposition Products: Thermal oxidative decomposition of this product can produce hydrogen sulfide, sulfur, sulfur oxides, oxides of nitrogen, carbon dioxide and carbon monoxide.

Section 11 - Toxicological Information

Toxicity Data:*

Eye Effects: No test data. Temporary irritation but no evidence of harmful effects.

Skin: No test data. Mild skin irritant.

Ingestion: No test data. Irritation of membranes of mouth, throat and stomach.

Inhalation Effects: No test data. Possible slight irritation from prolonged exposure.

Acute Inhalation Effects:

Human, inhalation, TC_{Lo}: 500 ppm, no data

Acute Oral Effects:

Rat, oral, LD₅₀: 320 mg/kg, no data

Chronic Effects: See Section 3

Carcinogenicity: See Section 3

Mutagenicity: No Data

Teratogenicity: No Data

* Specific tests have not been conducted on this product. Our evaluations are based on information from similar products, the ingredients and technical literature. Data for this material has been used to estimate the symptoms and effects of exposure.

Section 12 - Ecological Information

Ecological Data*

Ecotoxicity: This material has a low potential for toxicity.

Environmental Fate: Low biochemical oxygen demand and low potential to cause oxygen depletion in aqueous systems. A low potential to affect aquatic organisms.

Environmental Degradation: When diluted with large amounts of water, this material released into the environment is not expected to have a significant impact. (Minimum of 40 parts water to 1 part product) A low potential to persist in the environment.

Soil Absorption/Mobility: This material is expected to be mobile in soil and not expected to absorb to suspended solids or sediments in water. A low potential to affect plant life.

*Specific tests have not been conducted on this product. Our evaluation is based on information from similar products, the ingredients and technical literature. This information should be used only for a small truck spill and not meant to address discharges to sewers or treatment plants. Data for this material have been used to estimate its environmental impact.

Section 13 - Disposal Considerations

Disposal: Care must be taken to prevent environmental contamination from the use of this material. Contact a licensed waste management contractor for detailed recommendations. Follow applicable Federal, state, and local regulations. Non hazardous liquid can be incinerated if it meets all OSHA and EPA regulations. Incinerate at a licensed waste disposal site with approved environmental authority. If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.

Disposal Regulatory Requirements: Follow applicable NRC, CERCLA, and SARA regulations.

Container Cleaning and Disposal: Prior to cleaning or disposing of container use caution when handling container. Empty containers retain product vapor or residue that could be combustible. Do not use pressure to empty containers. Follow all label warnings even after container is empty. Do not cut, weld, braze, solder, drill, grind or expose empty containers to high heat, flames or other sources of ignition. Follow applicable federal, state and local OSHA and EPA regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not Applicable
Shipping Symbols: Not Applicable
Hazard Class: Non-regulated
ID No.: Not Applicable
Packing Group: Not Applicable
Label: Not Applicable
Special Provisions (172.102): None

Packaging Authorizations
a) **Exceptions:** Not Applicable
b) **Non-bulk Packaging:** Not Applicable
c) **Bulk Packaging:** Not Applicable

Quantity Limitations
a) **Passenger, Aircraft, or Railcar:** No Data
b) **Cargo Aircraft Only:** No Data

Vessel Stowage Requirements
a) **Vessel Stowage:** No Data
b) **Other:** No Data

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Mixture. Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification (40 CFR 261.??): Mixture. Not determined.

CERCLA Hazardous Substance (40 CFR 302.4) Unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307 (a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ). None for finished product.

SARA 311/312 Codes: Health (None); Physical (None)

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ). Not listed.

OSHA Regulations:

Air Contaminant (20 CFR 1910.1000, Table Z-1, Z-1-A): Not Determined.

OSHA Specifically Regulated Substance (29 CFR 1910.???) Not Determined.

State Regulations: No Data

Section 16 - Other Information

Prepared By: MSDS Coordinator

Revision Notes: None

Additional Hazard Rating Systems: None

Disclaimer: This material safety data sheet and the information it contains is offered to you in good faith as a guide to the safe use of the product and believed to be accurate to the best of our knowledge. Not all information in this data sheet is supported by specific testing and the evaluations are based on information from similar products, the ingredients and technical literature. The data contained herein is provided for your guidance only when handling the specific material designated in this MSDS and does not relate to any process or to use with any other materials. We recommend testing to determine the suitability of this product for your particular purpose prior to use. No responsibility is accepted that the information is sufficient, correct, and complete in all circumstances, as to the safety and health of individuals, disposal of materials and protection of the environment. It is the user's obligation to consider this MSDS as a supplement to other information required to make an independent determination to assure compliance to applicable laws and regulations when handling this material. The data in this document is provided without any representation or warranty expressed or implied regarding its accuracy or correctness. No warranty, either expressed or implied of merchantability or fitness or of any nature is made with respect to any product referred to herein. Manufacturer does not assume responsibility and expressly disclaims liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the products referred to herein. Manufacturer urges persons receiving this data to make their own determination as to the information's suitability and completeness for their particular application.