

Safety Data Sheet

Auto-Bright

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Auto-Bright

PRODUCT CODE: 9715

RECOMMENDED USE: Heavy Duty Car and Truck Wash

RESTRICTIONS ON USE: None known

COMPANY NAME: TIFCO Industries, Inc.

COMPANY ADDRESS: 21400 Northwest Freeway Cypress, TX 77429

COMPANY PHONE: 281-571-6000

EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Skin Irritant: Category 2

Eye Damage: Category 1

HAZARD STATEMENT(S): DANGER: Causes skin irritation and serious eye damage.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS: Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin:

Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a poison center or doctor.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT

CAS NUMBER

PERCENT

Tetrapotassium pyrophosphate 7320-34-5 5-10%

4-Nonylphenol, branched, ethoxylated 127087-87-0 5-10%

Disodium cocoamphodipropionate 68604-71-7 1-5%

Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Causes skin irritation including redness, burning and drying/cracking. Causes serious damage to eyes. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin. Contact with eyes may cause corneal injury and may result in permanent impairment of vision including blindness.

NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

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SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and phosphorus, toxic fumes.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA STATUS: Waste likely considered D002 (Corrosive waste) due to the pH of the solution and the corrosive characteristic.

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Wear proper personal protective equipment when using this product. Store in a cool, dry area. Do not use or store near heat, open flame, or other sources of ignition. Keep container tightly closed when not in use. Do not use or store with strong oxidizers. Wash hands thoroughly after handling.

OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong acids, strong oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Tetrapotassium pyrophosphate	10 mg/m ³	Not Established
4-Nonylphenol, branched, ethoxylated	Not Established	Not Established
Disodium cocoamphodipropionate	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.

RESPIRATORY PROTECTION: Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

ADDITIONAL MEASURES: Wash hands thoroughly with soap and water after using. If clothing becomes contaminated, remove and wash immediately.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear dark green liquid.

ODOR: Mild to no odor.

ODOR THRESHOLD: N/D

pH: 12.8 - 13.5.

MELTING POINT/FREEZING POINT: 32 °F (0 °C).

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: Slow.

FLAMMABILITY (solid/gas): Not considered a flammable liquid by OSHA (29CFR 1910.1200).

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

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RELATIVE DENSITY (H₂O=1): 1.095 - 1.13 @ 77 °F (25 °C).

SOLUBILITY(IES): 100% water.

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None known.

CHEMICAL STABILITY: Stable.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Extremes of hot and cold.

INCOMPATIBLE MATERIALS: Strong acids, strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LD₅₀ (Oral) 3314 mg/kg; LD₅₀ (Dermal, Rabbit) > 3000 mg/kg.

ROUTES OF ENTRY: Eyes, Ingestion, Skin

EYES: Causes severe irritation, burning, redness, tearing, pain.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting.

INHALATION: May cause slight respiratory tract irritation.

SKIN: Causes irritation, dermatitis with prolonged exposure.

MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin.

ACUTE HEALTH HAZARDS: Causes skin irritation including redness, burning and drying/cracking. Causes serious damage to eyes. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin. Contact with eyes may cause corneal injury and may result in permanent impairment of vision including blindness.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No **OTHER:** N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic life with long lasting effects. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LC₅₀ (*Pimephales promelas*, 96h) 7.7 mg/L; EC₅₀ (*Daphnia*, 48h) 21.4 mg/L.

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: Components in this mixture can bioaccumulate in aquatic organisms.

MOBILITY IN SOIL: This product is mobile in soil.

OTHER ADVERSE EFFECTS: An environmental hazard cannot be excluded in the event of improper handling or disposal.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA STATUS: Waste likely considered D002 (Corrosive waste) due to the pH of the solution and the corrosive characteristic

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S. Not Regulated.

HAZARD CLASS/DIVISION: N/A

UN/NA NUMBER: N/A

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Cleaning Compound, N.O.S. Not Regulated.

HAZARD CLASS/DIVISION: N/A

UN/NA NUMBER: N/A

PACKING GROUP: N/A

SHIPPING BY WATER:

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VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Cleaning Compound, N.O.S. Not Regulated.

HAZARD CLASS/DIVISION: N/A

UN/NA NUMBER: N/A

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Sodium hydroxide (1310-73-2)

Reportable Quantity = 1,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Skin corrosion or irritation. Serious eye damage or eye irritation.

SARA 313 REPORTABLE INGREDIENTS: This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.

CLEAN WATER ACT: Sodium hydroxide (1310-73-2) is a hazardous substance.

STATE REGULATIONS: California Proposition 65: This product does not contain chemicals regulated by California Proposition 65.

INTERNATIONAL REGULATIONS: No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH: 3

HMIS HEALTH: 3

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: William Bell

DATE PREPARED: 07/31/2013

REVISION DATE: 03/18/2025

N/A = Not Applicable; N/D = Not Determined

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