

MATERIAL SAFETY DATA SHEET

AAP AHS Conditioner Red

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: AAP AHS Conditioner Red
Product Number: V23001
Product Use: Conditioner.
Distributor: Zep Vehicle Care
11627 178 St.
Edmonton, AB T5S 1N6 Canada
Phone Number: 1-877-326-9274
Emergency Phone: MSDS Information: Technical Services 1-780-453-8100
Medical and Transportation Emergency: CANUTEC (24 Hours)
1-613-996-6666
Date of Preparation: August 7, 2015

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER

CORROSIVE MATERIAL - CAUSES BURNS.

Potential Health Effects: See Section 11 for more information.

Likely Routes of Exposure: Skin contact, eye contact, inhalation, and ingestion.

Eye: Causes burns.
Skin: Causes burns.
Ingestion: Causes burns. May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Inhalation: May cause respiratory tract irritation.

Chronic Effects: No information is available on the product as a whole.

Signs and Symptoms: Severe eye irritation, redness and pain. May cause burns.

Medical Conditions Aggravated By Exposure: Asthma. Allergies.

Target Organs: Skin, eyes, gastrointestinal tract, respiratory system.

Potential Environmental Effects: May cause long-term adverse effects in the aquatic environment. See Section 12 for more information.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	Wt. %
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5	10 - 30
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	68891-38-3	1 - 5
Dipropylene glycol methyl ether	34590-94-8	1 - 5
Xanthylum, 3,6-bis(diethylamino)-9-(2,4-disulfophenyl)-, hydroxide, inner salt, sodium salt	3520-42-1	1 - 5
Polypropylene glycol	25322-69-4	1 - 5
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	68155-39-5	1 - 5
Ethanol	64-17-5	0.5 - 1.5
Citric acid	77-92-9	0.5 - 1.5
Sulfuric acid	7664-93-9	0.1 - 1

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Section 4: FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention if you feel unwell.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention or call poison control immediately.

General Advice: In case of accident or if you feel unwell, seek medical advice immediately (show the label or MSDS where possible).

Note to Physicians: Symptoms may not appear immediately.

Section 5: FIRE FIGHTING MEASURES

Flammability: Not flammable by WHMIS criteria.

Means of Extinction:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream.

Products of Combustion: May include, and are not limited to: oxides of carbon, oxides of nitrogen, oxides of sulfur.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Scoop up material and place in a disposal container. Provide ventilation.

Other Information: Not available.

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Section 7: HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes. Do not swallow. Do not breathe gas/fumes/vapor/spray. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

Storage:

Keep locked up and out of reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool place.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Ingredient

Benzenesulfonic acid, C10-16-alkyl derivatives
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts
Dipropylene glycol methyl ether
Xanthylum, 3,6-bis(diethylamino)-9-(2,4-disulfophenyl)-, hydroxide, inner salt, sodium salt
Polypropylene glycol
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated
Ethanol
Citric acid
Sulfuric acid

Exposure Limits ACGIH-TLV

Not available.
Not available.
100 ppm
Not available.
Not available.
Not available.
Not available.
Not available.
0.2 mg/m³

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:

Eye/Face Protection: Safety glasses with side shields.

Hand Protection: Wear chemical resistant gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Not available.
Colour: Dark red.
Odour: Slight odour.
Odour Threshold: Not available.
Physical State: Liquid.
pH: < 1.1
Viscosity: Not available.
Freezing Point: Not available.

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Boiling Point:	> 100 °C (> 212 °F)
Flash Point:	> 100 °C (> 212 °F)
Evaporation Rate:	Not available.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Specific Gravity:	1.035 - 1.055 g/cm ³
Solubility in Water:	Not available.
Coefficient of Water/Oil Distribution:	Not available.
Auto-ignition Temperature:	Not available.
Percent Volatile, wt. %:	Not available.
VOC content, wt. %:	Not available.

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Conditions of Reactivity: Heat. Incompatible materials.

Incompatible Materials: Oxidizers.

Hazardous Decomposition Products: May include, and are not limited to: oxides of carbon, oxides of nitrogen, oxides of sulfur.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient	LD₅₀ (oral)	LC₅₀
Benzenesulfonic acid, C10-16-alkyl derivatives	530 mg/kg, rat	Not available.
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	> 2000 mg/kg, rat	Not available.
Dipropylene glycol methyl ether	5400 µL/kg, rat	Not available.
Xanthylum, 3,6-bis(diethylamino)-9-(2,4-disulfophenyl)-, hydroxide, inner salt, sodium salt	Not available.	Not available.
Polypropylene glycol	3750 mg/kg, rat	Not available.
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	Not available.	Not available.
Ethanol	7060 mg/kg, rat	124.7 mg/L 4hr, rat
Citric acid	3000 mg/kg, rat	Not available.
Sulfuric acid	2140 mg/kg, rat	160 mg/m ³ 4hr, mouse

Eye: Causes burns. Severe eye irritation, redness and pain. May cause burns.

Skin: Causes burns. Symptoms may include irritation, redness, pain, blisters, serious skin burns.

Ingestion: Causes burns. May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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Inhalation: May cause respiratory tract irritation.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: Not hazardous by WHMIS criteria.

Carcinogenicity: Not hazardous by WHMIS criteria.

Ingredient

Chemical Listed as Carcinogen or Potential Carcinogen *

Benzenesulfonic acid, C10-16-alkyl derivatives	Not listed.
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	Not listed.
Dipropylene glycol methyl ether	Not listed.
Xanthylium, 3,6-bis(diethylamino)-9-(2,4-disulfophenyl)-, hydroxide, inner salt, sodium salt	Not listed.
Polypropylene glycol	Not listed.
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	Not listed.
Ethanol	Not listed.
Citric acid	Not listed.
Sulfuric acid	G-A2, I-1 (mists and vapours)

* See Section 15 for more information.

Mutagenicity: Not hazardous by WHMIS criteria.

Reproductive Effects: Not hazardous by WHMIS criteria.

Developmental Effects:

Teratogenicity: Not hazardous by WHMIS criteria.

Embryotoxicity: Not hazardous by WHMIS criteria.

Respiratory Sensitization: Not hazardous by WHMIS criteria.

Skin Sensitization: Not hazardous by WHMIS criteria.

Toxicologically Synergistic Materials: Not available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment.

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions:

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Section 14: TRANSPORTATION INFORMATION

TDG Classification

UN2586; Alkylsulphonic acids, liquid; Class 8; PG III
Limited Quantity ($\leq 5L$)

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Section 15: REGULATORY INFORMATION

Federal Regulations

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Global Inventories

Ingredient	Canada DSL/NDL
Benzenesulfonic acid, C10-16-alkyl derivatives	DSL
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts	DSL
Dipropylene glycol methyl ether	DSL
Xanthylum, 3,6-bis(diethylamino)-9-(2,4-disulfophenyl)-, hydroxide, inner salt, sodium salt	DSL
Polypropylene glycol	DSL
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	DSL
Ethanol	DSL
Citric acid	DSL
Sulfuric acid	DSL

HMIS - Hazardous Materials Identification System

Health - 3 Flammability - 1 Physical Hazard - 0 PPE – B

NFPA - National Fire Protection Association:

Health - 3 Fire - 1 Reactivity - 0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

WHMIS Classification(s):

Class E - Corrosive Material

WHMIS Hazard Symbols:



SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

ACGIH (G) American Conference of Governmental Industrial Hygienists.

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

- 1 - Known to be carcinogens.
- 2 - Reasonably anticipated to be carcinogens.

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Section 16: OTHER INFORMATION

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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