

MATERIAL SAFETY DATA SHEET

AAP AHS EXTREME SHINE WAX

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: AAP AHS EXTREME SHINE WAX
Product Number: V30401
Product Use: Polishing wax.
Manufacturer/Supplier: Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
Phone Number: 1-877-I-BUY-ZEP (428-9937)
Emergency Phone: MSDS Information: Compliance Services 1-877-793-7776
Medical Emergency: INFOTRAC 1-877-541-2016
Transportation Emergency: CHEMTREC 1-800-424-9300
Date of Preparation: April 25, 2016

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING

IRRITATING TO EYES. IRRITATING TO SKIN.

Potential Health Effects: See Section 11 for more information.

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

Eye: Irritating to eyes.
Skin: Irritating to skin.
Ingestion: May be harmful if swallowed.
Inhalation: May cause respiratory tract irritation.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation.

Signs and Symptoms: Symptoms may include discomfort or pain, excess blinking and tear production. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause stomach distress, nausea or vomiting.

Medical Conditions Aggravated By Exposure: Because of its irritating properties, product may aggravate preexisting skin, eye, and respiratory conditions.

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. %
Lauryldimethylamine oxide	1643-20-5	10 - 30
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3	1 - 5
Citric acid	77-92-9	1 - 5
Propylene glycol monomethyl ether	107-98-2	1 - 5
Isopropanol	67-63-0	1 - 5
Dipropylene glycol methyl ether	34590-94-8	1 - 5
Amines, tallow alkyl, ethoxylated	61791-26-2	1 - 5

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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. Call a physician if irritation develops and persists.
- 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. 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.
- 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.

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. Launder contaminated clothing before reuse. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

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Storage:

Keep out of the reach of children. Keep container tightly closed and dry in a well-ventilated place.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Ingredient	Exposure Limits ACGIH-TLV
Lauryldimethylamine oxide	Not available.
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	Not available.
Citric acid	Not available.
Propylene glycol monomethyl ether	50 ppm
Isopropanol	200 ppm
Dipropylene glycol methyl ether	100 ppm
Amines, tallow alkyl, ethoxylated	Not available.

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: Wear eye/face protection.

Hand Protection: Wear suitable 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:	Purple.
Odour:	Fruity.
Odour Threshold:	Not available.
Physical State:	Liquid.
pH:	5 - 5.5 (1% solution)
Viscosity:	Not available.
Freezing Point:	< -6.67 °C (< 20 °F)
Boiling Point:	Not available.
Flash Point:	> 93 °C (> 199.4 °F) [closed cup]
Evaporation Rate:	Not available.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Specific Gravity:	0.979-0.995

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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. Keep in a cool place.

Conditions of Reactivity: None known.

Incompatible Materials: None known.

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

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

Section 11: TOXICOLOGY INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient	LD ₅₀ (oral)	LC ₅₀
Lauryldimethylamine oxide	2700 mg/kg, mouse	Not available.
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	960 mg/kg, rat	Not available.
Citric acid	3000 mg/kg, rat	Not available.
Propylene glycol monomethyl ether	5000 mg/kg, rat	> 7559 ppm 6hr, rat
Isopropanol	5045 mg/kg, rat	72.6 mg/L 4hr, rat
Dipropylene glycol methyl ether	5400 µL/kg, rat	Not available.

Eye: Irritating to eyes. Symptoms may include discomfort or pain, excess blinking and tear production.

Skin: Irritating to skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

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

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

Lauryldimethylamine oxide
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides
Citric acid
Propylene glycol monomethyl ether
Isopropanol
Dipropylene glycol methyl ether
Amines, tallow alkyl, ethoxylated

Chemical Listed as Carcinogen or Potential Carcinogen *

Not listed.
Not listed.
Not listed.
G-A4
G-A4, I-3
Not listed.
Not listed.

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* 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

Not regulated

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/NDSL**

Lauryldimethylamine oxide

DSL

Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides

DSL

Citric acid

DSL

Propylene glycol monomethyl ether

DSL

Isopropanol

DSL

Dipropylene glycol methyl ether

DSL

Amines, tallow alkyl, ethoxylated

DSL

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HMIS - Hazardous Materials Identification System

Health - 2 Flammability - 1 Physical Hazard - 0 PPE – B

NFPA - National Fire Protection Association:

Health - 2 Fire - 1 Reactivity - 0

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

WHMIS Classification(s):

Class D2B - Skin/Eye Irritant

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.

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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