

MATERIAL SAFETY DATA SHEET

Effective January 1, 2009

Alum-A-Lub Aerosol Lubricating Cleaner

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Alum-A-Lub Lubricating Cleaner

Product Code: 73-90 0357-03

Customer: Alum-A-Lub

MANUFACTURER:

Novus Evoco
620 Spirit of St Louis Blvd.
Chesterfield, MO 63005-1005

Emergency Response:

Chemtrec: 1-800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	OSHA PEL	ACGIH TLV
Petroleum Hydrocarbon Naphtha	64742-88-7	100 ppm	100 ppm
Petroleum Hydrocarbons	64742-65-0	5 mg/m ³	5 mg/m ³
Esters	628-63-7	100 ppm	100 ppm
Surfactant	68037-64-9	Not Est.	Not Est.
Propane	14-98-6	1000 ppm	1000 ppm
Isobutane	75-28-5	Not Est.	800 ppm

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Symptoms of Overexposure:

Eyes: May cause irritation, burning sensation or watering.

Skin: May cause irritation, itching, dryness or redness.

Ingestion: May cause nausea, headache or vomiting.

Inhalation: Over exposure may cause nausea, dizziness, headache and upper respiratory discomfort.

Carcinogenic Status of Ingredients

International Association for Research on Cancer (IARC)	Not a carcinogen
National Toxicology Program (NTP)	Not a carcinogen
American Conference of Governmental Industrial Hygienists (ACGIH)	Not listed.
Occupational Safety and Health Administration (OSHA)	Not listed
California Proposition 65 (See Section 15)	

Medical Condition Aggravated by Exposure

Skin sensitivity, chemical allergies

Primary Routes of Entry:

Ingestion, inhalation, skin contact, eye contact.

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4. FIRST AID MEASURES

Eyes: Flush with water for 15 minutes. If irritation persists, seek medical attention

Skin: Wash with soap and water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult.

Note to physician: No data.

5. FIRE FIGHTING MEASURES

Flash Point Pensky Marten (PMCC): Not established

Flame Projection: Over 18" (Flammable)

Explosive Limits: Not Established

Autoignition Temperature: No Data

Hazardous Products of Combustion: May form carbon monoxide

Fire and Explosion Hazards: Exposure to temperature above 120 degrees Fahrenheit may cause bursting

Extinguishing Media: Carbon Dioxide, Standard Foam, Dry Chemical, and Halon.

Fire Fighting Instructions: Wear self-contained breathing apparatus.

NFPA Rating Health: 1 Flammability: 4 Reactivity: 0

HMIS Rating Health: 1 Flammability: 4 Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spills: Evacuate area. Remove all source of ignition. Contain liquid. Prevent run-off to sewer.

7. HANDLING AND STORAGE

Do not store where temperatures exceed 120 degrees Fahrenheit.

Keep out of reach of children.

Wash hands before eating or smoking after using aerosol.

National Fire Protection Association (NFPA) 30 B Storage Level Number - 3

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Safety goggles. For short usage none required. *Skin Protection:* Rubber gloves. For short usage none required.

Respiratory Protection: Not required. *Engineering Control:* Not required.

Exposure Guidelines: General ventilation recommended to control the level of vapors.

See Section 2 for TLV's.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C.): 280 F as a liquid

Specific Gravity (H₂O = 1 @ 25 C.): 0.780 as a liquid

Vapor Pressure (psig 25 C.): 55 psig

Vapor Density (Air - 1): >1

Evaporation Rate (Butyl Acetate = 1): < 1

pH (C 25 C): Not applicable

Solubility in water: Negligible

Appearance: Straw colored liquid

Odor: Banana odor

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Product will not undergo hazardous polymerization.

Hazardous Decomposition: Open flames may produce carbon monoxide.

Chemical Stability: Stable

Incompatibility: Avoid contact with strong oxidizing agent or heat.

11. TOXICOLOGICAL INFORMATION

Primary routes of entry: Ingestion, inhalation, skin contact, eye contact.

12. ECOLOGICAL INFORMATION

No data.

13. DISPOSAL CONSIDERATION

Waste management information: Dispose of in accordance with all applicable local, state and federal regulations.

Wrap empty container in paper and place in trash.

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14. TRANSPORT INFORMATION

Department of Transportation (DOT) Information: 49 Code of Federal Regulation (CFR) 172.101

DOT Description: Consumer Commodity

DOT Hazard Class: Other Regulated Material (ORM)-D

Container / Mode: 12 oz. Aerosol Can

United Nations Identification (UN ID) Number: 1950

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS:

VOCs (Volatile Organic Compounds) 80.0%

TSCA (Toxic Substances Control Act) Status: All ingredients are listed that require listing

CERCLA RQ (Comprehensive Environmental Response, Compensation, and Liability Act) (Reportable Quantity)

- 40 CFR (Code of Federal Regulations) 302.4: Not applicable to aerosol quantities

SARA (Superfund Amendments & Reauthorization Act) 313

Ingredients **Percent**

Ingredient (s) - 40 CFR 372.65

None

None

STATE AND LOCAL REGULATIONS:

California Proposition 65: No Proposition 65 ingredients

16. OTHER INGREDIENTS

The information contained herein is based on the data available to us and is believed to be correct. However, Novus Evoco makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof.

Novus Evoco assumes no liability for injury from the use of the product described herein.

Ingredients are listed in Section 2 if they present a physical or health hazard and are present at or above 1.0% in the mixture. If an ingredient is identified as a carcinogen by NTP, IARC, ACGIH or OSHA as of the date on the MSDS, it will be listed in Section 3 when present at or above 0.1% in the product.

Negative statements concerning carcinogenicity are not reported. Other ingredients may be listed if deemed appropriate. Additional health information may be found in Section 3..
