

Material Safety Data Sheet

ALB-1

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

GOODSON

Tools and Supplies for Engine Builders

156 Galewski Drive • P.O. Box 847 • Winona, MN 55987-0847
Toll-Free 1-800-533-8010 • Local 507-452-1830 • www.goodson.com

Date of Preparation: November 19, 2002

1. CHEMICAL PRODUCT IDENTIFICATION

Part No & Description: ALB-1 Alumni Last Blast

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS # | Wt./Wt. % | ACGIH | ACGIH | OSHA | OSHA | COMPANY | Skin |
|-----------------|------------|-----------|----------------------|----------|----------------------|-------------|---------|------|
| | | Less Than | TLV-TWA | TLV-STEL | PEL-TWA | PEL-Ceiling | TLV-TWA | |
| Acetone | 00067-64-1 | 25.0% | 750ppm | 1000ppm | 750ppm | 1000ppm | n/e | yes |
| Toluol | 00108-88-3 | 25.0% | 50ppm | n/e | 100ppm | 150ppm | n/e | yes |
| Propane | 00074-98-6 | 20.0% | 1000ppm | n/e | 1000ppm | n/e | n/e | no |
| N-Butane | 00106-97-8 | 15.0% | 800ppm | n/e | 800ppm | n/e | n/e | no |
| Aluminum Flake | 07429-90-5 | 5.0% | 10 mg/m ³ | n/e | 15 mg/m ³ | n/e | n/e | no |
| Xylene | 01330-20-7 | 5.0% | 100ppm | 150ppm | 100ppm | 150ppm | n/e | yes |
| Mineral Spirits | 64742-47-8 | 5.0% | 100ppm | n/e | 500ppm | n/e | n/e | yes |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause flash fire or explosion

EFFECTS OF OVEREXPOSURE:

Eye Contact: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin Contact: Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Inhalation: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

Ingestion: This material may be harmful or fatal if swallowed. Irritating to mouth, throat and stomach.

Chronic Hazards: Possible reproductive hazard.

Primary Routes of Exposure: Skin Absorption; Inhalation; Ingestion; Eye Contact; Skin Contact

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin Contact: Wash with soap & water. Get medical attention if irritation develops or persists. Remove contaminated clothing. Wash skin with soap & water. Get medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point: -4°F **Lower Explosive Limit:** 0.7% **Upper Explosive Limit:** 12.8%

Extinguishing Media: Water Fog; Dry Chemical; CO₂; Alcohol Foam; Foam

Unusual Fire Hazards: Vapors may form explosive mixture with air.

Special Firefighting Procedures: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling.

Storage: Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin Protection: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

EXPOSURE CONTROLS / PERSONAL PROTECTION CONT...

Eye Protection: Wear safety glasses with side shields (or goggles) and a face shield.

Other Protective Equipment: Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

Hygienic Practices: No Information

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | | | |
|--------------------------|----------------------|---|---------------------|--------------------------|----------|
| Boiling Range: | -44° to 389°F | Vapor Density: | Is heavier than air | Odor: | Aromatic |
| Odor Threshold: | n/a | Freeze Point: | n/a | Appearance: | Liquid |
| Evaporation Rate: | Is faster than Ether | Water Solubility: | Slight | Specific Gravity: | 0.7767 |
| Vapor Pressure: | 40 psi | pH @ 0.0%: | n/a | Physical State: | Liquid |
| Viscosity: | n/a | Coefficient of Water/Oil Distribution: | | | |

10. STABILITY & REACTIVITY

Conditions to Avoid: Do not store above 120°F. Keep away from sparks, pilot lights, and/or open flames.

Incompatibility: No Information

Hazardous Decomposition Products: May produce hazardous fumes when heated to decomposition. Fumes may contain carbon dioxide and/or carbon monoxide.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

11. TOXICOLOGICAL PROPERTIES

Skin Contact: No irritant effect.

Eye Contact: Irritating effect.

Sensitization: No sensitizing effects known.

Additional Toxicological Information: The product shows the following dangers according to internally approved calculation methods for preparations: Harmful. Irritant.

12. ECOLOGICAL INFORMATION

Ecological Information: This product does not contain chlorinated solvents or lead.

13. DISPOSAL

Disposal Method: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torches. **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. TRANSPORTATION

Hazard Class: 2.1

Identification Number: N/A

Proper Shipping Name: Consumer Commodity

ADR/RID Class: 2 Gases

Item: 5F

UN-Number: 1950

IMDG Class: 2

Page: 2102

Packaging Group: II

EMS Number: 2-13

MFAG: 620

Marine Pollutant: No

ICAO/IATA Class: 2.1

Proper Shipping Name: Aerosols, Flammable

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA-SARA Hazard Category: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 & 312 of the Superfund Amendment & Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
IMMEDIATE HEALTH HAZARD; CHRONIC HEALTH HAZARD; FIRE HAZARD;
PRESSURIZED GAS HAZARD

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments & Reauthorization Act of 1986 and 40 CFR Part 372:

| <u>Chemical Name</u> | <u>CAS #</u> | <u>Wt./Wt. % is Less Than</u> |
|----------------------|--------------|-------------------------------|
| Toluol | 00108-88-3 | 25.0% |
| Xylene | 01330-20-7 | 5.0% |
| Ethyl Benzene | 00100-41-4 | 1.0% |
| Methanol | 00067-56-1 | 0.1% |

US STATE REGULATIONS:

New Jersey Right-to-Know: The following materials are non-hazardous, but are among the top five components in this product:

| <u>Chemical Name</u> | <u>CAS #</u> |
|----------------------|--------------|
| Acrylic Resin | n/a |

Pennsylvania Right-to-Know: The following non-hazardous ingredients are present in the product at greater than 3%:

| <u>Chemical Name</u> | <u>CAS #</u> |
|----------------------|--------------|
| Acrylic Resin | n/a |
| Calcium Carbonate | 01317-65-3 |

California Proposition 65: WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer or birth defects and other reproductive harm:

| <u>Chemical Name</u> | <u>CAS #</u> |
|----------------------|--------------|
| Toluol | 00108-88-3 |

INTERNATIONAL REGULATIONS

Canadian WHMIS: This has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

Canadian WHMIS Class: No Information available

16. OTHER INFORMATION

HMIS Ratings: Health 1, Flammability 4, Reactivity 3

Legend: n/a = not applicable n/e = not established n/d = not determined

Previous MSDS Revision Date: January 19, 1996