

## SAFETY DATA SHEET

### Section 1 – Chemical Product and Company Identification

**Product/Chemical Name:** Aviation Metal Polish  
**General Use:** Aviation Metal Polish  
**Manufacturer:** Detailer Supply Inc  
Bldg 85-214 Bradley International Airport  
Windsor Locks, CT 06096  
**Telephone Number:** (860) 729-6408  
**Emergency Telephone Number:** 1-800-535-5053-INFOTRAC-LEAK, FIRE AND MEDICAL  
EMERGENCIES 24-7-365

### Section 2 – Hazards Identification

**GHS / HAZCOM 2012 Classification:** Not classified as hazardous.

**Label Elements:** None required

### Section 3 – Composition / Information on Ingredients

Components	CAS Number	Amount
Aluminum oxide	1344-28-1	35-50%
Hydrotreated Light Petroleum Distillates	64742-47-8	20-40%

### Section 4 – First Aid Measures

**Inhalation:** None needed under normal use conditions. If irritation develops, mover to fresh air. Get immediate medical attention if irritation persists.

**Eye Contact:** None needed under normal use conditions. Flush the eyes with large amounts of water for several minutes while holding the eyelids open to assure that the entire surface is flushed. Do not rub eyes. Get medical attention if irritation persists.

**Skin Contact:** None needed under normal use conditions. Wash skin with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** Get medical assistance by calling an emergency room or poison control center. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or drowsy.

**Most important symptoms and effects, acute and delayed:**

May cause eye irritation. Prolonged skin contact may cause drying or cracking of the skin. High vapor concentrations may cause headache, dizziness and drowsiness.

**Indication of immediate medical attention and special treatment, if needed:** None known.

### Section 5 – Fire-Fighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use foam, dry chemical or carbon dioxide to extinguish fire. Cool fire exposed containers with water.

**Specific Hazards Arising from the Chemical:** This product is not flammable but will burn under fire conditions. Keep away from excessive heat and open flames.

**Special Protective Equipment and Precautions for Fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

### Section 6 – Accidental Release Measures

**Personal precautions, Protective equipment, and Emergency procedures:**

Wear appropriate protective clothing and equipment as described in section 8.

**Methods and Materials for Containment and Cleaning up:**

Scoop up or collect using a non-combustible absorbent and place into a suitable container for disposal. Wash spill site with soap and water.

### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes and prolonged contact with skin and clothing. Use with adequate ventilation. Wash thoroughly with soap and water after use. Keep containers closed when not in use.

Empty containers retain product residue and may be hazardous. Do not cut, weld, drill, etc. containers, even empty. Do not reuse empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, dry, well ventilated area. Store away from oxidizing agents.

### Section 8 – Exposure Controls / Personal Protection

**Exposure Guidelines:**

Component	Exposure Limits
Aluminum oxide	5 mg/m <sup>3</sup> TWA OSHA PEL (respirable fraction) 15 mg/m <sup>3</sup> TWA OSHA PEL (total dust)
Hydrotreated Light Petroleum Distillates	1200 mg/m <sup>3</sup> TWA Manufacturer

**Appropriate Engineering Controls:** General ventilation should be adequate for normal use. For operations where exposure limits may be exceeded, forced ventilation such as local exhaust may be required.

**Personal Protective Equipment:**

**Respiratory protection:** None under normal use conditions. For operations where exposure limits may be exceeded, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist prefilter may be used. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

**Hand protection:** Impervious gloves such as neoprene, are recommended for prolonged or repeated skin contact.

**Eye Protection:** Safety glasses are recommended if eye contact is possible.

**Skin protection:** Appropriate protective clothing as needed to prevent prolonged/ repeated skin contact.

**Other protective equipment or clothing:** Appropriate protective clothing as needed to prevent prolonged/ repeated skin contact.

**Hygiene measures:** Suitable washing and eye flushing facilities should be available in the work area.

### Section 9 – Physical and Chemical Properties

<b>Appearance:</b>	Paste	<b>Odor:</b>	No odor
<b>Odor Threshold:</b>	Not applicable	<b>pH:</b>	Not determined
<b>Melting/Freezing Point:</b>	Not determined	<b>Boiling Point/Range:</b>	>400
<b>Flash Point:</b>	>200°F (>94°C) (petroleum distillate)	<b>Evaporation Rate:</b>	Not determined
<b>Flammability: (Solid, Gas)</b>	Not applicable	<b>Flammability Limits:</b>	LEL: 0.6 UEL: 4.9 (petroleum distillates)
<b>Vapor Pressure:</b>	Not determined	<b>Vapor Density:</b>	Not determined
<b>Relative Density:</b>	Not determined	<b>Solubilities:</b>	Water: Negligible
<b>Partition Coefficient: (N-Octanol/Water)</b>	Not determined	<b>Autoignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined	<b>Viscosity:</b>	Not determined

### Section 10 – Stability and Reactivity

**Reactivity:** None known  
**Chemical Stability:** Stable under normal conditions.  
**Possibility of Hazardous Reactions:** None known  
**Conditions to avoid:** Avoid excessive heat and open flames.  
**Incompatible Materials:** Strong oxidizing agents.  
**Hazardous decomposition products:** Decomposition may produce carbon monoxide and carbon dioxide.

### Section 11 – Toxicological Information

#### Potential Health Effects:

#### Acute Hazards:

**Inhalation:** High vapor concentrations may cause headache, dizziness, drowsiness and unconsciousness.

**Skin Contact:** Prolonged contact may cause defatting of the skin and dermatitis.

**Eye Contact:** Direct contact may cause eye irritation with redness and tearing.

**Ingestion:** Swallowing may cause gastrointestinal irritation with nausea and diarrhea.

**Carcinogenicity Listing:** None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

**Chronic Effects:** Prolonged exposure to petroleum distillates may cause damage to the kidneys, liver and blood.

**Acute toxicity:** No data for product.

Aluminum Oxide: Oral rat LD50 > 10000 mg/kg; Inhalation rat LC50 >2.3 mg/L/4 hr

Hydrotreated Light Petroleum Distillates: Oral rat LD50 >5000 mg/kg; Inhalation rat LC50 >5.28 mg/L/4 hr; Dermal rabbit LD50 >2000 mg/kg.

### Section 12 – Ecological Information

**Ecotoxicity:** No data available for product.

Aluminum oxide: No data available

Hydrotreated light petroleum distillates: 96 hr LL50 Oncorhynchus mykiss 25 mg/L; 48 hr EL50 21 mg/L; 72 hr EL50 algae 13 mg/L

**Persistence and Degradability:**

Hydrotreated light petroleum distillates is expected to be inherently biodegradable.

**Bioaccumulative Potential:** No data available for product.

**Mobility in Soil:** Hydrotreated light petroleum distillate is highly volatile and will partition rapidly to the air.

**Other Adverse Effects:** None known

### Section 13 – Disposal Considerations

**Disposal instructions** Dispose of product in accordance with all local, state/provincial and federal regulations.

**Contaminated packaging:** Empty containers retain product residue and may be hazardous. Do not cut, weld, drill, etc. containers, even empty. Do not reuse empty containers.

### Section 14 – Transport Information

Not regulated for transportation by DOT, IATA/ICAO or IMDG.

### Section 15 – Other Information

**SARA 311/312:** Hazard Categories for SARA 311/312 Reporting: Not hazardous

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Section 313(40 CFR372): None

**CERCLA Section 103 Reportable Quantity:** T This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**California Proposition 65:** This product contains the following substances known to the State of California to cause cancer and/or reproductive harm (birth defects): None

#### Chemical Inventories

**Australia:** All of the components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

**Canadian Environmental Protection Act:** All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.

**China:** All of the components in this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or exempt.

**European Union:** All the components in this product are listed on the EINECS inventory or exempt.

**Japan:** All of the components in this product are listed on the Japanese Existing and New Chemical Substances (ENCS) inventory or exempt.

**Korea:** All of the components in this product are listed on the Korean Existing Chemicals List (KECL) or exempt.

**New Zealand:** All of the components in this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempt.

**Philippines:** All of the components of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS) or exempt.

**Taiwan:** All of the components of this product are listed on the National Existing Chemical Inventory (NECI) in Taiwan or exempt.

**US EPA TSCA Inventory:** All of the components of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt.

<b>16. Other Information</b>
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NFPA Rating (NFPA 704):	Health: 1	Fire: 1	Instability: 0
HMIS Rating:	Health: 1	Fire: 1	Reactivity: 0

REVISION SUMMARY: New MSDS