

ACT-2112 Motor Bearing Lubricant

SECTION 1 Product and Company Information

Product Identifier: ACT-2112 Motor Bearing Lubricant
Product Use: Model Railroad and other Hobby Lubrication Applications
Manufacture: Aero-Car Hobby Lubricants
Address: 5512 Grand Avenue, Western Springs, IL 60558
Tel: 1-708-246-9027

Emergency info: Aero-Car Hobby Lubricants 1-708-246-9027

SECTION 2 Hazards Identification

Emergency overview No hazards resulting from the material supplied.

HMIS rating

Health 0

Flammability 1

Reactivity 0

**Personal B
protection**

Routes of entry
**Potential short-term
health effects**

Skin, eyes, respiratory tract, digestive system.

Skin

May cause mild irritation.

Eyes

May cause mild irritation.

Inhalation

May cause headache, dizziness and irritate the mucous membranes.

Ingestion

No hazards anticipated from ingestion incidental to industrial exposure.

Potential long-term

None identified

health effects

SECTION 3

Chemical Composition/Hazardous Ingredients

Ingredients

CAS # OSHA/PEL (TWA) ACGIH/TLV (TWA)

Not applicable

N/AP **N/AP** **N/AP**

This product contains no chemicals subject to the reporting requirements of OSHA's Hazard Communication Standard 29 CFR 1910.1200.

SECTION 4

First Aid Measures

Skin contact Immediately wash the exposed area thoroughly with soap and water. Remove contaminated clothing. Wash before reuse. If irritation persists, consult physician.

Eye contact In case of contact, immediately flush with water for at least 15 minutes. If irritation persists, consult physician.

Inhalation If inhaled, move to fresh air. If irritation persists, consult physician.

Ingestion If swallowed, DO NOT induce vomiting. Contact a physician immediately. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.

SECTION 5

Fire Fighting Measures

Flammability Non-flammable

Products of combustion Oxides of carbon (CO, CO₂).

Flash point (method) > 200°F (93°C) (PMCC)

Explosion data

Sensitivity to mechanical impact None

Sensitivity to static discharge None

Fire-fighting media and instructions

In case of fire, use carbon dioxide, dry chemicals, foam, fog, sand, or earth.

Special fire-fighting procedures/equipment

Self contained breathing apparatus and protective clothing is recommended to protect fire fighters from any hazardous combustion or decomposition products. Pressure build-up in the closed container may occur due to heat exposure. Keep away from heat, sparks, flame or ignition sources.

Exercise care when disposing of rags contaminated with this product. For additional information on oily rag fires, contact your local fire department.

SECTION 6

Accidental Release Measures

Personal precautions

Use appropriate safety equipment. Avoid inhaling vapors or mist. Avoid contact with eyes, skin and clothing.

Environmental precautions

Do not allow spilled product to enter drains, sewers, or waterways.

Cleanup

Ventilate area. Eliminate all sources of heat and flame. Stop leak if safe to do so. Contain spill. Use absorbent material, such as vermiculite or sand. Place in suitable container for later disposal.

Prohibited materials None

SECTION 7

Handling and Storage

Handling

Use appropriate safety equipment. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep away from extreme heat. Keep container closed when not in use.

Storage

Store away from oxidizing agents, extreme heat, flame, or ignition sources. Store and use in a well ventilated area. Store in closed containers between 50°F and 120°F (10°C and 49°C).

SECTION 8

Exposure Controls and Personal Protection

- Hygiene measures** Avoid contact with eyes, skin and clothing. Do not eat, drink, or smoke while handling this product.
- Control measures** General ventilation should be sufficient. Providing approved respirators for emergencies, or when mist/vapor concentrations are unknown may be warranted. Availability of eye wash station, washing facilities and safety shower is recommended.

Personal protection

- Skin** Wear suitable glove. Chemical resistant gloves, such as polyvinyl chloride-coated, are recommended. Wear protective clothing suitable to prevent contact. Remove contaminated clothing and launder before wearing.
- Eyes** Safety glasses are recommended.
- Respiratory** Not normally required. Control vapor or mist concentrations below exposure limits through use of general or local exhaust ventilation.



SECTION 9

Physical and Chemical Properties

- Physical state** Liquid
- Color** Yellow or Golden
- Odor** Mild
- pH** Not applicable
- Boiling point** > 400°F (204°C)
- Melting/freezing point** Not available
- Vapor pressure** < 1 mmHg
- Solubility in water** Insoluble
- Specific gravity** 0.93
- Vapor density** > 1
- Volatile organic Nii compounds**

SECTION 10

Reactivity and Stability

- Stability and reactivity** Stable. Hazardous polymerization will not occur.
- Conditions to avoid Extreme** heat
- Materials to avoid Strong oxidizers**
- Hazardous decomposition products** Thermal decomposition or burning will produce carbon monoxide, carbon dioxide, and thick smoke.

SECTION 11**Toxicological Information****LD50**

Not determined for the product

LC50

Not determined for the product

Carcinogenic

None of the ingredients in this product are listed by IARC, ACGIH, NTP or OSHA as carcinogenic.

Teratogenicity No

information

Mutagenicity No

information

SECTION 12**Ecological Information****Environmental toxicity** None reported**Aquatic toxicity** No

data

SECTION 13**Disposal Considerations****Handling for disposal**

Absorb on suitable material and follow procedures listed below.

Methods of disposal

Dispose of in a manner that is recommended by local, state, provincial and federal laws and regulations.

SECTION 14**Transportation Information**

Not classified as hazardous for transport (DOT, TDG, CFR, IMO, ICAO).

SECTION 15**Regulatory Information****OSHA status**

This product is not hazardous under the criteria of the Federal OSHA Hazardous Communication Standard 29 CFR 1910.1200.

WHMIS information None**TSCA information**

All ingredients are included in the TSCA inventory.

SARA Title III

Contains no ingredients which exceed De Minimus reporting requirements.

California Prop 65

The product contains no chemicals known to the state of California to cause cancer or reproductive toxicity

SECTION 16**Other Information****Prepared by****Aero Car Hobby Lubricants, Harry Kannry, Tel: 1-708-246-9027****Date of issue**

April 23, 2013 Date of previous issue March 21, 2011

References

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices, 2004.
2. Canadian Centre for Occupational Health and Safety. CcInfoWeb databases, 2004.
3. US EPA Title III Lists of Lists - October 2001 version.
4. Material Safety Data Sheets from manufacturer.