

MATERIAL SAFETY DATA SHEET

NLU-1003

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CUSTOMER **NOOK INDUSTRIES**
PRODUCT NAME (S) **E-900 BALL SCREW LUBRICANT**
SAMPLE NUMBER **ES-8139-KM**
MANUFACTURER **APOLLO TECHNOLOGIES, INC.**
1850 S. Cobb Industrial Boulevard
Smyrna, Georgia 30082
(770)433-0210 (8am-5pm;M-F)
PREPARATION DATE September 27, 2010
PREPARED BY Vena Burnell
DATE PRINTED: October 27, 2010

2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA HAZARDOUS INGREDIENTS TABLE

<u>CHEMICAL</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER</u>
Propane	74-98-6	Unknown	1000 ppm	
Petroleum	Proprietary	5mg/m ³ (as mist)	5mg/m ³ (as mist)	

*Indicates ingredients that are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372. Component of a blended material regulated under section 313 of SARA

3. HAZARDS IDENTIFICATION

HMIS: Health 1 Flamm. 4 React. 0 **NFPA:** Tox. 1 Flamm. 4 React. 0

HEALTH EFFECTS

Inhalation May cause irritation to the upper respiratory system. Symptoms may include headache, dizziness, nausea, and loss of coordination are indication of excessive exposure to vapors or spray mist.

Eye Contact May cause irritation. Symptoms may include redness, itching or burning sensation.

Skin Contact Prolonged or repeated exposure may cause irritation. Symptoms may include redness, itching or burning sensation.

Ingestion None known

PRIMARY ROUTES OF EXPOSURE: Inhalation, eye/skin contact.

CONDITIONS AGGRAVATED BY EXPOSURE: None known.

ANY INGRED. LISTED CARCINOGEN: **OSHA** Not listed. **IARC** Not listed. **NTP** Not listed.

4. FIRST AID

Inhalation If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention.

Skin Contact Wash affected area thoroughly with skin with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation persists.

Ingestion **DO NOT** induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Extinguisher Media CO₂, Dry Chemical, Foam
Flash Point <0°F

Flammability per Flame Projection Test **EXTREMELY FLAMMABLE**

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible bursting containers from extreme heat.

UNUSUAL HAZARDS: Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR CLEANING UP LEAKS AND SPILLS: Remove all ignition sources. Ventilate area. Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.

7. HANDLING, STORAGE, AND DISPOSAL

HANDLING: Contents under pressure. Keep out of reach of children. Keep away from heat, sparks and open flames. Vapors will accumulate readily and may ignite explosively. Keep area ventilated. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances and any other sources of ignitions. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Harmful if inhaled or swallowed. Do not use in confined areas. Intentional misuse by deliberately concentrating and inhaling the contents of this container may be harmful or fatal. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

STORAGE: Keep out of reach of children. Contents under pressure. Do not store near heat, sparks, or open flames. Do not take internally. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with **NFPA 30B for Level 3 Aerosols.**

DISPOSAL: Before offering for recycling, empty the container by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

See Section 2 for applicable exposure limits.

ENGINEERING CONTROLS: Local exhaust preferable. General exhaust acceptable if exposure below TLVs listed in Section 2 Maintain adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT: Use respirator only as a last resort to control exposure.

Wear **CHEMICAL RESISTANT GLOVES** if repeated skin contact occurs or causes irritation.

None required for normal use;

Wear **SAFETY GLASSES** or **GOGGLES** to prevent eye contact;

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Mixture packaged in pressurized aerosol spray can.

Appearance and Odor (Concentrate)

Specific Gravity (Concentrate) 0.9634g/mL

pH N/A

Solubility in H₂O Insoluble

Evaporation Rate (BuAc=1) >1.00

Boiling Point <0 to -43°F(<-18 - -41°C)

%-VOC CONTENT 20%

CARB VOC Category/Standard (%) Multipurpose Lubricant/50%
25%(Dec. 31, 2013)

OTC Model Rule Category/Standard (%) 10%(Dec. 31, 2015)
Multipurpose Lubricant/50%

US EPA Cons Prod Category/Standard (%) Not Regulated

10. STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: heat, sparks, open flames and temperatures above 120°F

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: None known

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

11. REGULATORY AND TRANSPORTATION INFORMATION

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

DOT CLASSIFICATION: Hazardous **PACKING GROUP:** N/A

DESCRIPTION: Consumer Commodity, ORM-D

UN NUMBER: UN 1950 **HAZARD CLASS:** 2.1

12. OTHER INFORMATION

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.