



MSDS: 1512426

COMPANY INFORMATION

Manufacturer	Lubricantes de América, S.A. de C.V.
Emergency Phone	(52) 81 81 22 74 00
Address	Carretera a García Km 1.2 Int. 8, Santa Catarina, N.L. C.P. 66350

I.- PRODUCT IDENTIFICATION

Product Name	3% MOLY
Process	LUBRICANT
Synonyms	LUBRICANT GREASE

II.- IDENTIFICATION OF DANGER OR DANGERS

DANGER RANGE	HEALTH	FIRE	REACT	SPECIAL
NFPA	1	1	0	///
HMIS	1	1	0	///

PRODUCT LISTED IN NOM-052-SEMARNAT-2005 YES\_\_ NO X

Word of warning: Attention

- P101: If you need to consult a doctor: have the container or product label on hand.
- P202: Do not handle the substance before reading and understanding all safety instructions.
- P301: In case of ingestion.
- P310: Immediately call a poison control center or doctor.
- P305: In case of eye contact
- P351: Rinse with water carefully for several minutes
- P338 Remove contact lenses, when present and can be easily made. Pursue with the washing.
- P402: Store in a dry place.
- P501: Delete the content / container.



- H227: Combustible liquid.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation / causes eye irritation (2A).
- H412: Harmful to aquatic organisms with long-lasting harmful effects

III.- COMPOSITION / INFORMATION ON INGREDIENTS

Name of Chemical Base:	Hydrocarbon
Chemical Family:	Hydrocarbon
Molecular Formula:	N/D



Chemical Name	No. CAS	% Vol.	Exp. limits
Lithium hydroxystearate	1370-86-6	< 15	TLV 5 mg/m <sup>3</sup>
Petroleum distilled, hydrotreated naphthenic	64742-52-2	< 90	TLV 10 mg/m <sup>3</sup>
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8		
Molybdenum disulfide	1317-33-5	< 5	TLV 15 mg/m <sup>3</sup>
Antirust, Antioxidant, extreme pressure additives	Mixture	< 1	N/D

**\*\*Ref. STPS-CPT OSHA-PEL ACGIH-TLV**

#### IV.- FIRST AID

**INHALATION:** Remove the victim from the source of exposure. Get medical attention if irritation persists.  
**EYES:** Immediately flush with large amounts of water for 15 minutes, keeping eyelids are sections of ocular cell to ensure a thorough washing.  
**SKIN:** Remove contaminated clothing immediately and wash the area thoroughly with soap and water  
**INGESTION:** No Do not induce vomiting. If spontaneous vomiting occurs monitored for respiratory distress and obtaining medical care.  
**DATA FOR MEDICAL DOCTOR:** The possible aspiration of petroleum products of high viscosity is very mild; the petroleum products may cause severe pneumonitis (oil pneumonia) when considering instituting gastric lavage should be considered in unconscious victims the use of an endotracheal tube.

#### V.- FIRE FIGHTING MEASURES

Flash Point (ASTM D-92)	>220 °C
Flammability (Explosive) Limits:	N. A
Lower	N. A
Upper	N. A
<b>EXTINGUISHING MEDIA</b>	
PQS	X
CO2	X
FOAM	X
WATER	X

#### **FIRE FIGHTING PROCEDURE:**

Use water fog to cool the containers and exposed structures to protect people. Use water to remove and take away from ignition sources from the product. Don't throw to the sewer system.

#### **PERSONAL PROTECTION EQUIPMENT**

Use normal fire fighter suit.

#### **COMBUSTION PRODUCTS**

During Thermal decomposition could be formed toxics and irritating substances. Firefighter must use protector equipment and gas mask.

**N.A.** - Non applicable **N.D.** - Non determinated | **N.E.** – Non established

#### VI.- MEASURES TO TAKE IN CASE OF ACCIDENTAL SPILL

**GENERAL:** Stop leak if possible, without risk.  
**SMALL LEAK:** Collect with sand or other non-combustible absorbent material and place in containers for later discarding.  
**LARGE SPILL:** Construct a dike ahead of liquid spill for later disposal.

**DISPOSAL METHOD:** This substance, when discarded or disposed is not specifically included as hazardous waste in federal regulations, however, may be characteristically hazardous if it is considered toxic, flammable, corrosive or reactive according to federal definitions. This substance can also become dangerous when mixed or has contact with hazardous wastes.

#### VII.- HANDLING AND STORAGE

**CAUTIONS:** Avoid extremes of temperature during storage  
**MANAGEMENT:** For stowing and storing drums use forklift or hoist.  
**STORAGE:** In sealed containers in a cool, dry, isolated, ventilated away of ignition sources and incompatible materials. not stored in containers not labeled, do not eat, drink or smoke in areas of use or storage

#### VIII.- EXPOSURE CONTROL/PERSONAL PROTECTION

**VENTILATION:** Open  
**BREATHING:** If you feel irritation you should use (NIOSH) approved respiratory protection (masks Antigen)  
**EYES:** Wear safety glasses or goggles and provide an eyewash station in work area. Do not use contact lenses when working with this substance.  
**GLOVES AND CLOTHING:** Wear appropriate protective gloves for chemicals  
**OTHER PROTECTIVE EQUIPMENT:** Face masks, apron cover arms, etc.



IX.- PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Semi-solid	<b>Freeze point:</b>	N.D.
<b>Color</b>	Dark Gray	<b>Relative density (water = 1)</b>	<b>0.87</b>
<b>Odor</b>	Hydrocarbon	<b>Water solubility</b>	Insoluble
<b>Molecular weight</b>	N.D.	<b>Vapor density (air=1)</b>	< 1
<b>pH:</b>	N.D.	<b>Vapor pressure (mm Hg):</b>	< 1
<b>Viscosity:</b>	N.D.	<b>Flash point:</b>	>220
<b>Boiling point:</b>	N.A.		

N.A. - Non applicable | N.D. – Non data

X.- STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Contact with strong oxidizers
<b>Hazardous polymerization:</b>	Not possible
<b>Non compatible materials:</b>	Oxidizer materials
<b>Hazardous decomposition products:</b>	combustion of the product can form CO2, and active hydrocarbons

XI.- TOXICOLOGICAL INFORMATION

PRIMARY EXPOUSURE ROUTES:

- ACUTE EXPOSITION EFFECTS:** Could be irritant to skin, eyes and respiratory system.
- INHALATION:** the product can cause irritation in respiratory track; exposition to high concentrations can cause oil pneumonia
- EYES:** LITTLE IRRITANT. The contact with hot material can cause burns.
- SKIN:** LITTLE IRRITANT, THE CONTINUOUS OR PROLONGED CONTACT CAN CAUSE DERMATITIS
- INGESTION:** CAN CAUSE GASTROINTESTINAL PROBLEMS

TOXICITY:

- DL50>500 mg/kg (oral): practically non-toxic
- DL50> 500 mg/kg (Dermal): practically non-toxic
- CL50> 500 mg/m3 (Inhalación): practically non-toxic
- Irritant doce of eyes: Not irresistible

XII.- ECOTOXICOLOGICAL INFORMATION

Dispose in accordance with applicable local, state, and federal regulations.

XIII.- INFORMATION REGARDING THE DISPOSAL OF PRODUCTS

- CONCERNING THE PACKAGE:** The method of disposal of packaging will be provided by the user in accordance with applicable laws and regulations, according to the product characteristics  
Product listing on NOM-052 SEMARNAT-2005 YES \_\_\_ NO X
- CONCERNING THE CONTENT:** The contents of the package must be disposed of according to local, state or federal regulations, as applicable.

XIV.- INFORMATION REGARDING TRANSPORT

Transport Name	Lubricant Grease
<b>IDENTIFICATION NUMBER (UN):</b>	N. A
<b>DANGER CLASSIFICATION:</b>	N. A
<b>ANSWER GUIDE No DOT:</b>	N. A



3% MOLY

## XV.- REGULATORY INFORMATION

15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture.

Statutory Instruments. It covers Nom-028-STPS-2012 and NOM-056-SSA1-2012.

## XVI.- ADITIONAL INFORMATION

Information related to this product may not be valid if it is used in combination with other materials or in other processes. Users are responsible for the interpretation and application of this information for their own use.

CAS	Chemical Abstract Services	DL50	Median Lethal Dose
Lim. Exp.	Exposure Limit	DOT	USA (Department of Transportation)
°C	Degree Celsius	pH	Potential Hydrogen
N/A	Not Applicable	% Vol.	Volume percent (Vol %)
N/D	Not Available	mg/m3	Milligrams per cubic meter, Concentration unit.
NIOSH	National Institute for Occupational Safety and Healthy	mmHg	Millimeters of Mercury
cSt	Centistokes		
CL50	Lethal Concentration Average		