

# MSDS 0076090

[7609](#): Lock-Ease 3.4 Fl Oz [1]  
MSDS Last updated: 01/10/2012

AGS COMPANY Lock-Ease Lubricant  
MATERIAL SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: LE-4, LE-18, LE-20, LEC-4, Trade Name: Lock-Ease  
LEK-4, LEK4C, LEK-4SP  
LE-4BK (765-1382)  
Manufacturer: AGS Company Common Name: Lock Lubricant  
Street: 2651 Hoyt St  
Address:  
City/State/Zip: Muskegon Hts., MI 49444  
:  
Phone: 800-253-0403  
Phone: 231-733-2101  
FAX: 231-733-1784  
Transportation CHEM-TEL Original 11/12/1985  
Emergency: Issue Date:  
Phone: 800-255-3924 Revision No 14 Date 1/8/2010

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

| ITEM                             | CAS NUMBER | WT/WT % |
|----------------------------------|------------|---------|
| 1 Stoddard Solvent               | 8052-41-3  | 60-100  |
| 2 Dripless Base Compound Mixture |            | 7-13    |
| 3 Graphite                       | 7782-42-5  | 0.1-1   |

### EXPOSURE LIMITS

| ITEM | ACGIH               |          | OSHA     |             |
|------|---------------------|----------|----------|-------------|
|      | TLV-TWA             | TLV-STEL | PEL-TWA  | PEL-CEILING |
| 1    | 100 ppm             | N.E.     | 100 ppm  | 500 ppm     |
| 2    | N.E.                | N.E.     | N.E.     | N.E.        |
| 3    | 2 mg/m <sup>3</sup> | N.E.     | 15 mmpcf | N.E.        |

(See Section 16 for abbreviation legend)

## SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT: Liquid and vapors may be irritating and can cause pain, tearing, reddening and swelling.  
SKIN CONTACT: Prolonged or repeated contact may result in irritation and/or dermatitis.  
INHALATION: Prolonged inhalation may cause headaches, dizziness and nausea.  
INGESTION: This material may be harmful or fatal if swallowed.  
CHRONIC HAZARDS: Overexposure may cause nervous system, pulmonary and kidney damage.  
Primary Route(s) of Entry Skin and eye contact of ingestion.

## SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eye with plenty of water. Get medical attention, if irritation persists.  
SKIN CONTACT: Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.  
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.  
INGESTION: Get medical attention immediately. 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.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 101°F LOWER EXPLOSIVE LIMIT: 0.7%  
38°C

UPPER EXPLOSIVE LIMIT: 6%

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: Water fog, dry chemical, CO<sup>2</sup>, foam, and alcohol foam

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers(s) may explode and cause injury or death. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue and can be dangerous. Do not expose container to heat, flame, sparks or other sources of ignition.

SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective gear. Water spray may be utilized to cool containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

RECOVERY PROCEDURES: Absorb spill with inert material then place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling

STORAGE: Keep away from heat, sparks, and flame.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS: Use in well ventilated area. Local exhaust should be utilized to remove fumes.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed, however, if high vapor concentration should develop, use a NIOSH approved organic vapor respirator.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash in work area.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE 312-387°F VAPOR DENSITY: Is heavier than air  
156-197°C

ODOR Solvent ODOR THRESHOLD N.D.  
APPEARANCE Dark Gray EVAPORATION RATE Is slower than Butyl Acetate

SOLUBILITY IN H<sub>2</sub>O Negligible  
FREEZE POINT N.D. SPECIFIC GRAVITY 0.7963

VAPOR PRESSURE 1-5 pH @ 0.0% N.A.

PHYSICAL STATE Liquid VISCOSITY: N.D.

COEFFICIENT OF Negligible

WATER / OIL

DISTRIBUTION:

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Sources of ignition.

INCOMPATIBILITY: Strong acid or alkali, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD-50 >5000mg/kg PRODUCT LC-50 >5500 ppm

COMPONENT TOXICOLOGICAL INFORMATION:

| CHEMICAL NAME          | LD50            | LC50                            |
|------------------------|-----------------|---------------------------------|
| Stoddard Solvent       | >5000 mg/kg/rat | >5500 mg/m <sup>3</sup> /4h/rat |
| Dripless Base Compound | N.E.            | N.E.                            |
| Graphite               | N.E.            | N.E.                            |

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME Consumer Commodity  
DOT TECHNICAL NAME Combustible Liquid, n.o.s.  
DOT HAZARD CLASS 3 HAZARD SUBCLASS 3.3  
UN / NA NUMBER: NA 1993 PACKING GROUP: III RESP. GUIDE PAGE N.D.

SECTION 15 - REGULATORY INFORMATION

U.S FEDERAL REGULATIONS: AS FOLLOWS -

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 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD FIRE HAZARD

SARA SECTION 313

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

| CHEMICAL NAME   | CAS NUMBER | WT/WT% IS LESS THAN |
|---|------------|---------------------|
| No SARA Section 313 components exist in this product. |            | %                   |

TOXIC SUBSTANCE CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

| CHEMICAL NAME    | CAS NUMBER |
|------------------|------------|
| Stoddard Solvent | 8052-41-3  |

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

| CHEMICAL NAME  | CAS NUMBER |
|--|------------|
| No non-hazardous materials are among the top five ingredients. |            |

PENNSYLVANIA RIGHT-TO-KNOW:

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

| CHEMICAL NAME   | CAS NUMBER |
|---|------------|
| No non-hazardous ingredients are present at greater than 3% |            |

CALIFORNIA PROPOSITION 65:

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

CHEMICAL NAME \_\_\_\_\_ CAS NUMBER \_\_\_\_\_  
No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: Class B Division 3: Combustible Liquid  
Class D Division 2 Subdivision B: Toxic Material  
WHMIS LABEL: Packaged under Consumer Chemicals and Container Regulations.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS: Health 0 Flammability 2 Phys. Haz. 0 PPE A  
NFPA Health 0 Flammability 2 Reactivity 0

VOLATILE ORGANIC COMPOUNDS (VOCs): 5.74 lbs/gal 687 grams/liter

LEGEND: N.A. Not Applicable N.E. Not Established  
N.D. Not Determined

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