MSDS 7609

7609: Lock-Ease 3.4 Fl Oz [1] MSDS Last updated: 07/22/2008 AGS COMPANY

Lock-Ease, Aerosol

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product:	LE-5, LE-5BK, LEC-5	Trade Name:	Lock – Ease
Manufacturer:	AGS Company	Common Name:	Lock Lubricant
Street Address:	2651 Hoyt St		
City/State/Zip	Muskegon Hts., MI 49444		
Phone:	800-253-0403		
Phone:	231-733-2101	Original Issue	Date: 11/12/1985
Fax:	231-733-1784	Revision No.13	Date: 1/30/2005
Transportation	Emergency: CHEM-TEL		
Phone:	800-255-3924		

SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

ITEM			CAS NUMBER	WT/WT %
	1	N - Hexane	110-54-3	30-60
	2	Stoddard Solvent	8052-41-3	15-40
	3	Propane / Isobutane / N-Butane	68476-86-8	10-30
	4	Dripless Base Compound	Mixture	7-13

EXPOSURE LIMITS

				ACGIH		OSHA	
ITEM		TLV-TWA		TLV-STEL	PEI	L-TWA	PEL-CEILING
	1	50	ppm	N.E.		50	500 ppm
	2	100	ppm	N.E.		100 ppm	500 ppm
	3	800	ppm	N.E.		800 ppm	N.E.
	4	N.E		N.E.		N.E.	N.E.
				(See Section 1	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, nausea and drowsiness leading to unconsciousness.

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 Inhalation, skin and eye contact or ingestion.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes 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: -156°F -104°C LOWER EXPLOSIVE LIMIT: 0.7 % UPPER EXPLOSIVE LIMIT: 9.5 %

AUTOGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: Water fog, dry chemial, CO2, foam, and alcohol foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Container(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 sould 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 VAPOR DENSITY:	43 - 387 degrees Is heavier than a	F 6 – 197 degrees air	s C		
ODOR APPEARANCE	Solvent Dark Gray	ODOR THRESHOLD EVAPORATION RAT	N.D. E Is faster than Butyl Acetate		
SOLUBILITY IN H2C FREEZE POINT VAPOR PRESSURE PHYSICAL STATE COEFFICIENT OF WA	Negligible N.D. 80-90 Liquid, aeros TER / OIL DISTRI (See Section	SPECIFIC GRAVIT pH @ 0.0% sol VISCOSITY: BUTION: Complete 16 for abbreviation	Y 0.7139 N.A. N.D. legend)		
SECTION 10 - STAE	BILITY AND REACTI	VITY			
CONDITIONS TO AVC	DID: Sources of i	gnition.			
INCOMPATIBILITY:	Strong acid	or alkali, oxidizers	and amines.		
HAZARDOUS DECOMPC	SITION PRODUCTS	Oxides of carbon a	nd nitrogen.		
HAZARDOUS POLYMER	IZATION: Will	not occur under norm	al conditions		
STABILITY: This p	product is stable	under normal storage	conditions.		
SECTION 11 - TOXI	COLOGICAL PROPER	TIES			
PRODUCT LD-50	PRODUCT LD-50 >5000 mg/kg PRODUCT LC-50 >5500 ppm				
COMPONENT TOXICOL	OGICAL INFORMATI	ON:			
CHEMICAL NA	ME	LD50	LC50		
N - Hexane Stoddard Solvent Propane / Isobutane / N-Butane Dripless Base Compound Graphite		28710 mg/kg/rat >5000 mg/kg/rat N.E. N.E. N.E.	150000 mg/m3/mouse >5500 mg/m3/4h/rat 658000 mg/m3/4h/rat N.E. N.E.		
SECTION 12 - ECOI	OGICAL INFORMATI	ON			
ECOLOGICAL INFORM	No info:	rmation			
SECTION 13 - DISP	OSAL CONSIDERATIO	ONS			
DISPOSAL METHOD: regulations.	Dispose of i	n accordance with fed	leral, state and local		
SECTION 14 - TRAN	SPORTATION INFORM	MATION			
DOT PROPER SHIPPI	NG NAME	Aerosol - Consumer	Aerosol - Consumer Commodity		
DOT TECHNICAL NAM	IE	ORM-D			
DOT HAZARD CLASS	2	HAZARD SUBCLASS:	2.1		
DOT UN / NA NUMBE	R: UN1950	PACKING GROUP: NA	RESP. GUIDE PAGE 126		

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 CHRONIC HEALTH HAZARD FIRE HAZARD PRESSURIZED GAS 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 n-hexane 110-54-3 40.0 % 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 know to the state of California to causes cancer, birth defects or other reproductive harm. CHEMICAL NAME CAS NUMBER No Propsition 65 chemicals exist in this product. INTERNATIONAL REGULATIONS: AS FOLLOWS -CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings. CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS:Health 2Flammability 4Phys. Haz. 0PPEANFPAHealth 2Flammability 4Reactivity 0VOLATILE ORGANIC COMPOUNDS (VOCs):5.05 lbs / gal605 grams / literLEGEND:N.A.Not ApplicableN.E.Not EstablishedN.D.Not DeterminedN.E.Not Established

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