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Electric Dept

MATERIAL SAFETY DATA SHEET

\*\*\*\*\* Section I - Identification \*\*\*\*\*

Manufacturer AGS Company (American Grease Stick Co.)  
2651 Hoyt St.  
Muskegon Hts., MI 49444 Phone: 800-253-0403  
616-733-2101  
FAX: 616-733-1784

Trade Name LOCK-EASE Cat. No. LE-5  
Common Name LOCK-EASE Chemical Family \_\_\_\_\_

NFPA - Health 2 Flammability 1 Reactivity 0 Specific Hazard \_\_\_\_\_  
HMIS - Health 2 Flammability 1 Reactivity 0 Protective Equipment A

\*\*\*\*\* Section II - Hazardous Ingredients \*\*\*\*\*

Hazardous Ingredient	CAS No.	Wgt. %	TLV
1. <u>1,1,1-Trichloroethane**</u>	<u>71-55-6</u>	<u>45-60%</u>	<u>350 ppm</u>
2. <u>Aliphatic Petroleum Naphtha</u>	<u>8052-41-3</u>	<u>15-30%</u>	<u>100 ppm (500 ppm PEL)</u>
3. <u>Petroleum Oil*</u>	<u>Not Assigned</u>	<u>5-15%</u>	<u>5 cu. m. (mist)</u>
4. <u>Carbon Dioxide</u>	<u>124-38-9</u>	<u>1-5%</u>	<u>5000 ppm</u>
5. <u>Colloidal Graphite</u>			
6. <u>Dispersion</u>	<u>Not Assigned</u>	<u>1-5%</u>	<u>Not Assigned</u>
7. _____			
8. _____			
9. _____			
10. _____			

NOTE \*Petroleum oil is severely hydrotreated or solvent refined. It does not require labeling as a carcinogen.

\*\*Ingredient(s) are subject to the requirements of SARA and 40 CFR Part 372. May use the Wgt. % in calculating annual threshold quantities.

\*\*\*\*\* Section III - Physical Data \*\*\*\*\*

pH - Supplied Not Determined Boiling Point Not Determined  
pH - Diluted Not Applicable % Volatiles 80%  
Water Solubility Nil Vapor Pressure Not Determined  
Specific Gravity (Water=1) 1.14 Vapor Density (Air=1) > 1  
Melting Point Not Applicable Evaporation Rate Not Determined  
Appearance Black liquid in aerosol package, with characteristic odor.

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\*\*\*\*\* Section IV - Fire & Explosion Data \*\*\*\*\*

Flash Pt. Not Applicable Method \_\_\_\_\_ Auto Ignition Temp. Not Determined

Flammable Limits In Air - LEL Not Determined UEL Not Determined

Extinguishing Media Carbon dioxide, dry chemical, foam, and/or water fog.

Special Procedures Wear self-contained breathing apparatus. Water fog may be used to minimize vapors.

Unusual Hazards Vapors are heavier than air and may accumulate in low areas. Extreme or direct heat may rupture package.

\*\*\*\*\* Section V - Reactivity Data \*\*\*\*\*

Unstable and/or Auto Reactive Stable

Incompatible Materials Strong oxidizers.

Hazardous Decomposition Products HCl, phosgene & oxides of carbon.

\*\*\*\*\* Section VI - Emergency First Aid \*\*\*\*\*

Eyes Flush with water for at least 15 minutes. Consult a physician.

Skin Wash with soap and water, remove contaminated clothing. If adverse effects occur, consult a physician.

Ingestion Do not induce vomiting. Keep patient quiet and get immediate medical attention.

Inhalation Remove to fresh air. Administer oxygen or artificial respiration as required. Consult a physician.

\*\*\*\*\* Section VII - Health Effects \*\*\*\*\*

Eyes May cause pain and irritation.

Skin May cause irritation, dermatitis, defatting. Chemical trapped by clothing may cause severe irritation.

Ingestion May cause irritation, nausea, vomiting. Aspiration into lungs may cause chemical pneumonitis.

Inhalation May cause impaired consciousness and irritation of the respiratory tract.

Other Effects Severe acute exposure may cause cardiac irritability.

Product - LE-5

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\*\*\*\*\* Section VIII - Ventilation and Protective Measures \*\*\*\*\*

Ventilation Requirement Suitable to maintain concentration below TLV's.

Eyes Yes Gloves Yes Clothing No Respiratory Yes

Other Eye bath in immediate area.

\*\*\*\*\* Section IX - Storage and Handling Procedures \*\*\*\*\*

Conditions to Avoid Excessive and/or direct heat. Do not store above 120°F.

\*\*\*\*\* Section X - Spill Procedures and Waste Disposal \*\*\*\*\*

Spill Procedure Absorb with inert material.

Disposal Method Removal by an approved, licensed waste hauler.

EPA Waste I.D. NO. F002

Approved By Tommy Jones,  
Manager Technical Resources

Original Issue Date 11/12/85

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