

33006

HMIS RATING	
Health	2
Flammability	4
Reactivity	0

NFPA Rating	
Health	3
Flammability	4
Reactivity	1

**MATERIAL SAFETY DATA SHEET**  
 (Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)  
 Form approved OMB No. 1218-0072  
 OSHA 174 - Sept. 1985

**IDENTIFY NAME ON LABEL:**  
**GRAPH LUBE**  
 Product Manufactured Exclusively  
 by CURTIS INDUSTRIES, INC. 1/92  
 Marketer's Name Must Appear Below 84755  
 CURTIS Industries, Inc. 15158  
 Manufacturer's Name No.:  
 CURTIS FORM NO.:  
 Aerosol Systems, Inc.  
 Address: 9150 Valley View Road  
 Macedonia, OH 44056

LUBRICANT  
 TM3055

DOT Shipping - Consumer Commodity ORM-D	
Emergency Telephone Number (216) 467-4195	
Telephone Number for Information (216) 467-4195	
Date Prepared 10/10/91	Checked <input checked="" type="checkbox"/>

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	STEL	%(optional)
*1,1,1 Trichloroethane (71-55-6)	350	350	450	23
Hexane (110-54-3)	50	50	-	36
Isopropanol (67-63-0)	400	400	500	4
Propane/Isobutane/n-Butane (74-98-6)	1000	1000	Asphyxiant	35
Graphite (7782-42-5)	2.5mg/m3	2.5mg/m3	-	1
Non-hazardous	-	-	-	1

\*All chemical compounds marked with an Asterisk(\*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

**Section III - Physical/Chemical Characteristics**

Boiling Point Range	-40°F to 191°F	Specific Gravity (H <sub>2</sub> O = 1)	0.7
Vapor Pressure PSIG @ 70°F	60	Melting Point PH Liquid	NA
Vapor Density (AIR = 1) Heavier than Air	4.0	Evaporation Rate (Butyl Acetate = 1)	>1
Solubility in Water Nil		Appearance and Odor	Gray/Solvent

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	-40°F TOC	Flammable Limits	LEL 1.8	UEL 12.0
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Extinguishing Media Use water fog, dry chemical or carbon dioxide

Special Fire Fighting Procedures Aerosol cans may rupture when heated

Unusual Fire and Explosion Hazards Heated cans may burst

Section V - Reactivity Data

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Stability	Unstable		Conditions to Avoid
	Stable	X	High Temperatures

Incompatibility (Materials to Avoid)  
Incompatible with strong oxidizers and active metals.

Hazardous Decomposition or Byproducts  
In fire, will decompose to water, carbon dioxide, halogen acids, and phosgene.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic)  
May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible.  
Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

Eye and skin irritant. Aspiration hazard if swallowed.

Hexane may damage peripheral nerve tissue.

May irritate nasal and respiratory passages.

Carcinogenicity: NTP? Presently not on any list. IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure  
Inhalation - Difficulty in breathing. Skin-redness. Ingestion-vomiting.

Medical Conditions  
Generally Aggravated by Exposure: Heart Disease; Respiratory Disorders.

Emergency and First Aid Procedures  
Give oxygen - Do not induce vomiting - Gastric lavage - Wash eyes and skin with water.

Never administer adrenalin following overexposure.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:  
Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

Waste Disposal Method  
Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be Taken in Handling and Storing  
Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.

Other Precautions When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

Section VIII - Control Measures

Respiratory Protection (Specify Type)  
Self contained breathing apparatus if above TLV limit exceeding.

Ventilation	Local Exhaust	Yes	Special	None
	Mechanical (General)	None	Other	None

Protective Gloves: None required if spraying  
Eye Protection: Wear eye protection

Other Protective Clothing or Equipment  
Long sleeve and long pants

Work/Hygienic Practices: Do not smoke while using. Wash hands after use.