

MATERIAL SAFETY DATA SHEET

(Providing Information essentially as required by Form OSHA20)

DL-300 - DL-366

SECTION I - NAME AND PRODUCT

NAME AND PRODUCT

Mager Scientific, Inc.
3225 Central Street
Dexter, Michigan 48130

EMERGENCY TELEPHONE NUMBER

(313) 662-1472

COMMON NAME OR SPECIFICATION

DIAMOND COMPOUND
or
DIAMOND SLURRY

TRADE NAME

COMPOUND-DYMO, DYMO-C, DYMO-D
DYMO-CW, DYMO-KW, DYMO-PAG
LUBRICANT-DYMO THINNER
SLURRY-DYMO-S

Part # DL-300 - DL-366

CHEMICAL FAMILY

ELEMENT
GLYCOL

PRODUCT TYPE

DIAMOND (C)
POLYALKYLENE GLYCOL

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS	%	TLV
DIAMOND	NA	+1%	NA
POLYALKYLENE GLYCOL	9038-95-3	+50%	740 mg/cu.M
May contain one or more of the following:			
GLYCERINE		+1%	NA
SILICA	7631-86-9	+1%	10 mg/cu.M
DIGLYCERIDE		+1%	NA
POTASSIUM OLEATE		+1%	NA
POLYETHYLENE GLYCOL		+1%	740 mg/cu.M
RHODAMINE Y RED		-0.1%	NA

SECTION III - PHYSICAL AND CHEMICAL DATA

BOILING POINT (760mm Hg) +392°F.	SPECIFIC GRAVITY (H ₂ O=1) 1.023 to 1.049 at 20°C.
VAPOR PRESSURE AT 20°C. 0.0001 mm.HG	POUR POINT less than 37°F
VAPOR DENSITY (air=1) +1	SOLUBILITY IN WATER — COMPLETE
PERCENT VOLATILES BY VOL. Nil	(% by WT)
	EVAPORATION RATE Nil
	(BUTYL ACETATE=1)

APPEARANCE AND ODOR: Clear liquid, low characteristic odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT - 286°F (50-HH-100) to 381°F (50-HB-260)
PENSKEY-MARTENS CLOSED CUP ASTM D 93
or 385°F (50-HB-100) to 460°F. (50-HB-260)
CLEVELAND OPEN CUP ASTM D 92

FLAMMABLE LIMITS IN AIR, % BY VOL. — NOT DETERMINED (nonvolatile fluid)

EXTINGUISHING MEDIA - Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturer's recommended technique.

SPECIAL FIRE FIGHTING PROCEDURES - Don't spray pool fires directly: a solid stream of water directed into hot burning liquid can cause frothing. Use supplied breathing air and protective clothing.

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SECTION V - HEALTH, FIRST AID AND MEDICAL DATA

THRESHOLD LIMIT VALUE - None established by ACGIH or OSHA

ACUTE EFFECTS OF OVEREXPOSURE -

SWALLOWING - Slightly toxic. May cause nausea

SKIN CONTACT - May cause slight irritation

EYE CONTACT - Causes irritation

CHRONIC EFFECTS OF OVEREXPOSURE - Prolonged or repeated exposure to vapors generated at high temperatures may result in the inhalation of harmful amounts of material.

FIRST AID AND MEDICAL INFORMATION -

SWALLOWING - If a substantial quantity has been swallowed, give two glasses of water and induce vomiting by putting finger down throat.

SKIN - Wash with soap and water

INHALATION - Remove to fresh air.

EYES - Flush with water. Call a physician.

SECTION VI - CORROSIVITY AND REACTIVITY DATA

STABILITY: -Stable

CONDITIONS TO AVOID: - None

DECOMPOSITION PRODUCTS: Burning can produce carbon monoxide and/or carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

INCOMPATIBILITY (Material to Avoid): None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS
RELEASED OR SPILLED:

Wear suitable protective equipment,
especially eye protection. Flush small
spills with copious amounts of water.
Larger spills should be collected for
disposal.

WASTE DISPOSAL METHOD:

None required at normal temperatures.
Dispose of in a secured sanitary landfill
in accordance with Federal, State and
local regulations.

SECTION VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required at normal temperatures.

VENTILATION: General room ventilation is expected to be satisfactory for room temperature
uses. Special local ventilation is recommended if use at elevated temper-
atures is involved.

PROTECTIVE GLOVES: Plastic

EYE PROTECTION: Safety Glasses

OTHER EQUIPMENT: Eye bath and safety shower

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

OTHER PRECAUTIONS:

Store in accordance with ANSI B 7.1

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