

Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health
Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) OLL D-2	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Grignard Company	24 hour Emergency Telephone Contact Number CHEMTREC Domestic North America: 800-424-9300 International: 703-527-3887 (collect calls accepted)
Address (Number, Street, City, State, and ZIP Code) 505 Capobianco Plaza	Telephone Number for Information 732-340-1111
Rahway, NJ 07065	Date Prepared January 2014
	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended
> = 40% Water CAS # 7732-18-5 > = 30% Biodegradable Glycol CAS# 57-55-6 Proprietary Calcium Corrosion Inhibitor			

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	0.8370
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)		Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Carrier complete/corrosion inhibitor insoluble.			
Appearance and Odor Tan / Calcium			

OLL D-2**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) 350°F	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Use water, alcohol resistant foam, CO ₂ or dry chemical.			
Special Fire Fighting Procedures Wear Self-contained breathing apparatus and full protective clothing.			
Unusual Fire and Explosion Hazards N/A			

Section V - Reactivity Data

Stability:	Stable	X	
	Unstable		
Incompatibility (<i>Materials to avoid</i>) Strong oxidizing agents.			
Hazardous Decomposition or Byproducts None. Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.			
Hazardous Polymerization	May Occur		Conditions to Avoid Excessive Heat
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:

Eyes: Flush with water for at least 15 minutes.	Inhalation: Exhale contaminated air – inhale fresh air.	Skin: Wash with soap and water.	Ingestion: Consult Physician
Health Hazards (<i>Acute and Chronic</i>) None known, but normal safety precautions for handling chemicals must be observed.			
Carcinogenicity: Not listed	NTP? Not listed	IARC Monographs? Not listed	OSHA Regulated? Not listed
Signs and Symptoms of Exposure None known.			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures See above.			

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Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Insure adequate ventilation. Avoid dermal contact. Wear protective clothing to prevent skin and eye contact. Avoid discharge into sewers and waterways. Soak up pooled liquid and wash spill site after material pick up is complete.
Waste Disposal Method Comply with state and federal regulations.
DOT Regulations Not a DOT controlled material. Special provisions for transport, not applicable.
Precautions to Be taken in Handling and Storing No special requirements

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>) None required.		
Ventilation	Local Exhaust	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves Chemical Resistant Gloves		Eye Protection Safety Chemical Goggles
Other Protective Clothing or Equipment N/A		
Work/Hygienic Practices Good hygiene practices		

Section XIV - Transport Information

Land transport (DOT): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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