

BALMAR, LLC

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product: 177L Plate Master With Liquilon (All NLGI)

Manufacturer/Supplier BALMAR, L.L.C.

Address: 616 W. PONT DES MOUTON RD **Fax:** (337) 234-5825

Chemical Family: Inorganic Base Compound

LAFAYETTE, LA 70507-4002

Phone: (337) 232-2496

Use: Lubricating Compound W/Liquilon

Emergency Phone: CHEMTREC 1-800-424-9300

INGREDIENT COMPONENTS Hazardous components indicated with asterisk * Hazardous components in a dust form only**

	CAS#	Weight %	OSHA LIMIT (PEL)	ACGIH (TLV)
*Zinc Oxide	1314-13-2	5-15	5mg/m ³ TWA	5mg/m ³ TWA

HEALTH EFFECT **Skin:** Possible irritation with repeated or prolonged contact.

Eye: Possible irritation with repeated or prolonged contact.

Inhalation Not applicable under normal conditions, however, breakdown of this product may result in nuisance dust and/or vapor mist resulting in respiratory irritation.

Ingestion: Possible irritation, nausea, or diarrhea if ingested.

FIRST AID **Skin:** Wash with soap and water thoroughly after handling.

Eye: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention.

Inhalation: Remove to fresh air. Get medical attention if persistent cough develops.

Ingestion: Do NOT induce vomiting. If conscious, drink large quantities of water. Get medical attention immediately.

FIRE PROTECTION INFORMATION

Auto Ignition Temperature

Not Available

Hazardous Decomposition Incomplete combustion can yield carbon monoxide and various hydrocarbons.

Extinguishing Method Carbon Dioxide, dry chemical, foam, or water fog.

Fire and Explosion Method No known explosion hazards. May produce toxic fumes at temperatures above 930°F.

Flammable Limits % vol in air Not Available

Lower%

Upper%

HAZARDOUS POLYMERIZATION: Will Not Occur May Occur **Stability:** Stable Unstable

Personal Precautions **Spills** Pick up and place in container for disposal.

Waste Disposal: Utilize permitted industrial waste disposal site. Comply with environmental regulations. Burning is NOT recommended.

HANDLING AND STORAGE

Storage: Do not store with strong oxidizers. Avoid exposure to extreme temperatures.

RESPIRATORY PROTECTION (UTILIZE NIOSH-APPROVED RESPIRATORS. REFER TO MFG PROTECTION FACTORS AND OSHA STANDARD 1910.134 AS A GUIDELINE) Not required under normal conditions of use.

Personal Protection **Eye:** Safety glasses to protect from unexpected splashes.

Spcl Protect Not required under normal conditions of use.

Ventilation: Not required under normal conditions of use.

Skin: Nitrile or neoprene gloves recommended. Protective clothing should be worn to prevent skin contact.

PHYSICAL AND CHEMICAL PROPERTIES

Evaporation Point: Not Applicable **Boiling Point** Not Applicable

Vapor Pressure: Not Applicable

Vapor Density: Not Applicable

Solubility in water: <1

Auto Ignition Not Available

Percent Volatile: Not Applicable

Odor: Mild Petroleum

Flammable Limits: Not Available

Appearance: Cream Paste

Specific Gravity: 0.989-1.013

Flash Point: > 400°F

Title III, Sec. 313 Status

Title III Ingredient:

Title III Percentage:

Title III CAS#:

*Zinc Compounds, N.O.S.

5-15

Not Applicable

Shipping Information: NOT REGULATED

Reported as potential carcinogen or carcinogen: American Conference of Governmental Industrial Hygienists

Not Applicable International Agency For Research On Cancer OSHA National Toxicology Program

DISCLAIMER: The information contained herein is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular purpose and should comply with all environmental regulations. Our goal is to manufacture products with zero or minimum hazards. Our products are improved daily as up-to-date information and research data is received from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.

ADDITIONAL COMMENTS: Containers should be either reconditioned by CERTIFIED firms or properly disposed of by APPROVED firms. Disposal of containers should be in accordance with applicable laws and regulations. EMPTY drums should not be given to individuals. Serious accidents have resulted from the misuse of EMPTIED containers (drums, pails, etc.). Refer to Section IV and IX.

HMIS SYMBOL

Health	1
Flammability	1
Reactivity	0
PPE	B

NFPA SYMBOL

