

MATERIAL SAFETY DATA SHEETSection 1. PRODUCT IDENTIFICATION: **PETRO PLATE M5/800 #1**Section 2. COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS No.</u>	<u>% Wt.</u>	<u>OSHA</u>	<u>ACGIH</u>	
			<u>TWA</u>	<u>TWA</u>	<u>STEL</u>
Severely Hydrotreated Heavy Naphthenic.	64742-52-5	30-50	5mg/m ³	5mg/m ³	10 mg/m ³
Molybdenum Disulfide	1317-33-5	3-7	10mg/m ³ (dust)	10 mg/m ³	
Carbonic Acid, Calcium salt (1:1)	471-34-1	1-5	15mg/m ³ (dust)	10 mg/m ³	

Section 3. HAZARDS IDENTIFICATION:

Inhalation: TLV/TWA for product not established. Refer to Section 2.

Skin Contact: May de-fat skin, causing irritation, rash, or dermatitis

Skin Absorption: No Data

Eye Contact: May cause redness, itching.

Ingestion: LD₅₀ not established for product. May be harmful if ingested.

Section 4. FIRST AID MEASURES:

Eyes: Immediately flush with water for 15 minutes; call a physician

Skin: Wash with soap and water.

Inhalation: If irritation occurs, remove to fresh air and avoid further inhalation. Seek medical attention.

Ingestion: Call a physician. Contains Petroleum, Do not induce vomiting.

Section 5. FIRE FIGHTING MEASURES:

Flammable Limits in Air, (% by Volume) Lower: 0.9 Upper: 7.0

Flash Point: 435°F (COC) Extinguishing media: CO, Dry Foam

Special Fire Fighting Procedures: Cool fire-exposed containers with water spray to prevent rupture. Treat as a petroleum fire. Use self-contained breathing apparatus in confined areas.

Section 6. ACCIDENTAL RELEASE MEASURES:

Contain & recover free product. Use clay or other absorbent for small amounts. Do not allow product to enter sewers or waterways. Extinguish all sources of ignition including sparks.

Section 7. HANDLING & STORAGE:

Wash contaminated clothing before reuse. Avoid contact with eyes. Avoid breathing mists. Do not ingest.

Store away from open flames and heat. Contains combustible hydrocarbons. Never weld, drill or cut on, or near containers (including empties).

Section 8. EXPOSURE CONTROLS - PERSONAL PROTECTION:

Ventilation requirements: local ventilation or general

Respiratory: If excessive misting occurs; use NIOSH approved respirator for hydrocarbons & petroleum vapors.

Eyes: Face shield or goggles, when handling concentrate. Gloves: Impervious to oil, is recommended.

Other Clothing and Equipment: Eyewash facility, safety shower.

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Section 9. PHYSICAL & CHEMICAL PROPERTIES:

Boiling Point: Not Applicable

Vapor Pressure: < 0.01 mm Hg @ 20°C

Vapor density: (air=1)>5

Spec. Gravity (H₂O=1): 0.96@ 60°F

% Volatiles (by vol.): Nil

Solubility in Water: < 0.1%

pH: Concentrate: Not applicable

Evaporation Rate (nbutac =1): < 1

Melting Point: > 525°F

Appearance & odor: Dark gray grease, mild, bland petroleum odor

Section 10. STABILITY & REACTIVITY:

Conditions Contributing to Instability: Intense heat, open flame.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: acrid smoke fumes. Oxides of carbon are potential combustion products.

Hazardous Polymerization: Will not occur.

Section 11. TOXICOLOGICAL INFORMATION:

Oral Toxicity (rats): No Data

Dermal Toxicity (rabbits): May de-fat skin causing irritation.

Eye Irritation (rabbits): May cause redness, itching and irritation.

Skin Irritation (rabbits): No Data

Inhalation Toxicity: No data

Section 12. ECOLOGICAL INFORMATION: Environmental fate and effects: not established.

Bioaccumulation: Not determined Biodegradability: Not determined Acute Aquatic toxicity: Not determined

Section 13. DISPOSAL CONSIDERATIONS:

Waste disposal: Licensed landfills or incineration in accordance with local, state and federal regulations.

RCRA Information: Product and ingredients are not listed by EPA as hazardous waste (40CFR, Part 261D).

Product does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity.

Section 14. TRANSPORTATION INFORMATION:

DOT: Petroleum lubricating oil, NOS No hazard label required

IMO: No Hazard label required

IATA: No Hazard label required

Section 15. REGULATORY INFORMATION

SARA TITLE III: Contains no "Extremely Hazardous Substances".

Section 313: Contains no reportable compounds

CERCLA: no listed compounds present

RCRA: not listed as hazardous

Section 16. OTHER INFORMATION

HMIS & NFPA RATING:

HEALTH = 1

FIRE = 1

REACTIVITY = 0

The information presented herein has been compiled from sources considered to be dependable and accurate to the best of Petron's knowledge. The information relates to this specific material. It may not be valid for this material if used in combination with any other materials or in any process. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use.

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