Safety Data Sheet

Calcium Cup #2

Section 1: Product and Company Identification

Manufacturer	Ideas Additives LLC 625 S Main St. Lombard, IL 60148		
Telephone	(630) 620-2010	**Fax**	(630) 620-2014
Product Names	Calcium Cup #2		
Recommended Use	Lubricant		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(800) 424-9300		

Section 2: Hazard Identification

GHS classification in accordance with: OSHA (29 CFR 1910.1200): Not Classified
Pictograms: Not Applicable
Signal word: Not Applicable
Hazard statements: Not Applicable
Precautionary statements: Not Applicable

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5	80 – 100
Calcium distearate	1592-23-0	1 – 10

Section 4: First Aid Measures

General Guidance: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label or SDS if possible).

Eye Contact: Flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. Get medical attention, preferably an ophthalmologist, if irritation occurs and persists.
Skin Contact: Remove affected clothing and wash exposed skin area with mild soap and water, followed by warm water rinse.
Ingestion: Never give anything by mouth to an unconscious person. Give water if victim is conscious. Do not induce vomiting. Keep head below hips if vomiting occurs to prevent aspiration. Seek medical attention if symptoms occur and persist.
Inhalation: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Most Important Symptoms / Effects: None expected
Indication of Immediate Medical Attention and Special Treatment, If Necessary: None expected; treat symptomatically.

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media: Product will burn at high temperatures. Use water spray, fog, dry chemical, or foam. High pressure water stream may spread fire. No known unsuitable materials.
Specific Hazards Arising from the Chemical: May produce noxious or acrid fumes in a fire.
Specific Protective Equipment and Precautions for Fire-Fighters: Avoid breathing vapors and mists. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Do not enter enclosed area without a positive pressure, NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Affected area may be slippery. Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.
Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent from entering drains, sewers, or waterways. Advise EPA, state, or local agencies as required.
Methods for Cleaning Up: Stop release if you can without risk. Do not discharge to the environment. Transfer to labeled, sealable containers for product recovery or safe disposal. Small spills can be handled using absorbent material and transferred to containers for disposal. Larger spills should be absorbed with binding agents such as sand or vermiculite to prevent contamination of the environment or sewer.

SECTION 7: HANDLING AND STORAGE

Handling and Storage: Follow all procedures and precautions for handling chemicals. Best stored in a dry place at 50 – 90 °F and not in direct sunlight. Reseal lid on container after use. Store only in original or compatible, clearly labeled container.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	ACGIH (TWA)	OSHA (PEL)
Distillates (petroleum) hydrotreated heavy naphthenic	5 mg/m^3	5 mg/m^3

Engineering Controls: Use appropriate ventilation to maintain good air quality.
Eye and Face Protection: Wear safety glasses or chemical safety goggles; use face shield when working with large amounts of material.
Skin Protection: Wear protective gloves to avoid repeated or prolonged contact.
Respiratory Protection: Maintain good ventilation or air flow. No respiratory protection required under normal use conditions.
General Hygiene: Follow accepted work practices for handling chemicals. Do not eat, drink, or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Grease, viscous liquid	**Flash Point**	>200 °C / 392 °F
Specific Gravity (Water=1)	0.90 (20 °C / 68 °F)	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Determined
pH	Not Determined	**Auto-ignition Temperature**	Not Determined
Solubility in Water	<5 %	**Decomposition Temperature**	Not Determined
Odor	Mild petroleum	**Vapor Pressure (mm Hg @ 20 °C)**	<1
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Melting/Freezing Point	Not Determined	**Partition Coefficient (n-octanol/water)**	Not Determined
Boiling Range	Not Determined	**Viscosity (mm^2/sec @ 104 °F)**	>150
Initial Boiling Point	370 °C /695 °F	**Critical Temperature**	Not Determined
Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.			

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal storage and use conditions.
Chemical Stability: Stable under normal storage and use conditions.
Possibility of Hazardous Reactions: Will not react under normal conditions. May react with strong oxidants.
Conditions to Avoid: Direct sunlight, extremely high or low temperatures, open flame
Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: None known

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects: Eye contact may cause irritation. The most likely route of exposure is skin contact. Short term contact with skin is unlikely to cause problems. Excessive or prolonged and repeated contact and poor hygiene conditions may result in irritation or sensitization. Inhalation may cause respiratory irritation. Swallowing material may cause irritation of gastrointestinal tract, nausea, vomiting, diarrhea, or abdominal pain depending on the individual's sensitivity and the amount ingested. Aspiration of swallowed material into the lungs may cause chemical pneumonitis.
Component toxicities: Calcium distearate: LC_{50} (rat) – 1241 mg/m3, 4 hr; Petroleum distillates: LD_{50} (oral, rat) - >5,000 mg/kg; LC_{50} (inhalation, rat) - >5.53 mg/l/4h.
Chronic Toxicity Effects: Long term or repeated exposure may aggravate any acute symptoms.
Carcinogenicity: NTP, OSHA and IARC have not identified any carcinogenic ingredients in this product.

SECTION 12: ECOLOGICAL INFORMATION

This product has not been tested. Based on its main components it is not classified as hazardous to the aquatic environment. Not readily biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not dispose to sewer. Avoid release to the environment. Dispose of material and empty containers in accordance with local, state/province, and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: Not Regulated
IMDG: Not Applicable
IATA: Not Applicable

SECTION 15: REGULATORY INFORMATION

Chemical Inventories: All ingredients are listed or exempt from listing on the TSCA, active (U.S.) and DSL (Canada) inventories.
SARA 311/312 Reporting Categories: None
SARA 313 Reportable Ingredients: None
Clean Water Act: Report contamination of surface waters immediately to the National Response Center.
CERCLA: No calculable reportable quantity (RQ) for this product
(Comprehensive Environment Response, Compensation and Liability Act)
California Prop 65: Not listed

SECTION 16: OTHER INFORMATION

NFPA Rating Health=1; Flammability=1; Reactivity=0

Department Issuing SDS Health and Safety

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