



Material Safety Data Sheet

SECTION 1: PRODUCT NAME AND COMPANY INFORMATION

Product Name: Lens Grind Coolant
Product Number: 8019370
Issue Date: February 9, 2009
Manufactured By: Coburn Technologies
 55 Gerber Road
 South Windsor, CT 06074
Supersedes Date: December 15, 2008
Distributed By: Coburn Technologies
 55 Gerber Road
 South Windsor, CT 06074
 Telephone: (860) 871-8082

24-Hour Emergency Contact Number (North America): 800-255-3924
24-Hour Emergency Contact Number (International): 813-248-0585

SECTION 2: COMPOSITION

Ingredient Name	CAS Number	MAX % vol
Ethanolamine	141-43-5	20%
Triethanolamine	102-71-6	10%
Remaining ingredients are non hazardous.		

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Ethanolamine	3 ppm	N/A	3 ppm	N/A	N/A	N/A	N/A
Triethanolaimne	N/A	N/A	5 mg/m3	N/A	N/A	N/A	N/A
Metalworking fluid mist					0.5 mg/m3		

SECTION 3: Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Potential Health Effects

Acute Effects

Inhalation: Mists of the concentrate and dilutions may cause respiratory irritation.
Eye: Concentrate will cause eye irritation.
Skin: Concentrate may cause skin irritation. No acute effects expected from skin absorption.
Ingestion: Small amounts should not injure. Swallowing large amounts may cause digestive discomfort.
Carcinogenicity: IARC, NTP, and OSHA do not list Lens Grind Coolant as a carcinogen.
Medical Conditions Aggravated by Long-Term Exposure: No known

HMIS
H 1
F 0
R 0
PPET†
†Sec. 8

LENS GRIND COOLANT

Chronic Effects: No known

SECTION 4: First Aid

Inhalation: If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.

Eye Contact: In case of contact, flush eyes with plenty of water. Get medical attention if irritation persists.

Skin Contact: Wash skin with soap and water. If irritation occurs, get medical attention. Wash clothing before reuse.

Ingestion: Do not induce vomiting; get medical attention immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians: Treat symptomatically.

SECTION 5: Fire Fighting Measures:

Flash Point: N/A

Flash Point Method: N/A

Burning Rate: ND

Autoignition Temperature: N/D

LEL: N/D

UEL: N/D

Flammability Classification: Slight fire hazard.

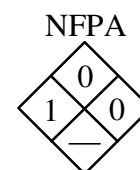
Extinguishing Media: Carbon dioxide (CO₂) Water spray Dry chemical Foam Water can be used to cool fire exposed containers

Unusual Fire or Explosion Hazards: None

Hazardous Combustion Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: oxides of carbon.

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan.



SECTION 6: Accidental Release Measures

Containment/ Clean Up: Recover free liquid. Keep product out of streams and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

SECTION 7: Handling and Storage

Handling and Storage Precautions: Avoid contact with skin and eyes. Avoid breathing mists-in accordance with safety and industrial hygiene practices airborne exposures should be controlled to the lowest extent practicable. Do not take internally. Keep container closed when not in use. Bring product to room temperature before use. Do not store near heat, flame or strong oxidizing agents.

Storage: Use reasonable care and store away from oxidizing materials.

Regulatory Requirements: 29 CFR 1910.106

SECTION 8: Exposure Controls/Personal Protection

Ventilation: General ventilation recommended. None should be needed.

Respiratory Protection: Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the threshold limit value (TLV) or permissible exposure limit (PEL), if applicable. If any associated TLC or PEL is exceeded, provide NIOSH approved respiratory protection.

Protective Clothing/Equipment: Impervious gloves such as rubber should be used when handling this product. Safety glasses with side shield or chemical goggles should be worn when using this product.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9: Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Clear, mild odor

Odor Threshold: NA

Vapor Pressure: N/D

Vapor Density (Air=1): N/D

Formula Weight: N/D

Specific Gravity (H₂O=1, at 4 °C): 1.096 +/- .01

pH: 8.8-10.1

Water Solubility: 100% Miscible

Other Solubilities: NA

Boiling Point: 212 deg F/ 100 deg C

Freezing/Melting Point: N/A

Viscosity: N/A

Refractive Index: NE

Surface Tension: NE

% Volatile: 16.47% (VOC)

Evaporation Rate: ~ 1

SECTION 10: Stability and Reactivity

Stability: Lens Grind Coolant is stable at room temperature.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Avoid contact with oxidizing materials or strong acids.

Conditions to Avoid: No known

SECTION 11: Toxicological Information

Toxicity Data:*

Eye Effects: Irritation

Skin Effects: Irritation

Acute Inhalation Effects:

Human, inhalation: ND

Acute Oral Effects:

Rat, oral, LD₅₀: N/A

Carcinogenicity: not listed

Mutagenicity: NA

Teratogenicity: NA

- See NIOSH, *RTECS* (AL3150000), for additional toxicity data.

SECTION 12: Ecological Information:

Ecotoxicity: No specific information is available.

Persistence and Degradation: No specific information is available.

SECTION 13: Disposal Considerations:

Disposal: This material is regulated as used oil by the EPA. Under the Used Oil Management Standards (40 CFR 279) effective 3/8/93, EPA presumes used oil will be recycled. If it is, no characteristic determination is required provided all parties handling the used oil comply with part 279. These management standards apply to used oil until it is disposed of or sent for regulations. Refer to applicable state and local regulations for proper handling procedures.

Container Cleaning and Disposal: Dispose of in accordance with local, state and federal regulations. Disposal of this material to the land may be banned by federal law (40 CFR 268).

SECTION 14: Transport Information:

DOT Transportation Data (49 CFR 172.101):

**Not regulated by DOT in
accordance with the 49
CFR.**

SECTION 15: Regulatory Information:

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

RCRA Hazardous Waste Classification: Not classified

CERCLA Hazardous Substance (40 CFR 302.4) not listed specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307(a), CAA, Sec. 112

CERCLA Reportable Quantity (RQ), N/A

SARA 311/312 Codes: Acute Health

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ)

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910.1200): Not listed

TSCA: The ingredients of this product are on the TSCA inventory.

State Regulations: N/A

SECTION 16: Other Information:

Prepared By: TLC

Revision Notes: 12/15/08 updates

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