Coburn Technologies, Inc.
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Safety Data Sheet
Lens Grind

1. IDENTIFICATION

Synonyms **none**
Material Use **Lens grinding coolant**

IN AN EMERGENCY CALL: INFOTRAC 1-800-535-5053

2. HAZARD IDENTIFICATION

GHS Class	*flammable liquid*	*Skin Irritant*	*Eye Damage*	*Skin Sensitivity*
(Category)	*(4)*	*(2)*	*(1)*	*(1)*
Signal Words	*WARNING*	*WARNING*	*DANGER*	*WARNING*
Hazard Statements	*combustible liquid*	*causes skin irritation*	*may cause an allergic skin reaction*	*causes serious eye damage*
	(H227)	*(H315)*	*(H318)*	*(H317)*

GHS Precautionary Statements for Labeling

P210 **Keep away from heat, sparks, open flames and hot surfaces. No smoking.**
P261 **Avoid breathing dust/fume/gas/mist/vapors/spray.**
P264 **Wash hands thoroughly after handling.**
P272 **Contaminated work clothing must not be allowed out of the workplace.**
P280 **Wear face protection.**
P302, P352 **If on skin: Wash with plenty of water.**
P305, P351, P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 **Immediately call doctor.**
P321 **Specific treatment (see first aid measures on this label)**
P332, P313 **If skin irritation occurs: Get medical advice/attention.**
P333, P313 **If skin irritation or rash occurs: Get medical advice/ attention.**
P362, P364 **Take off contaminated clothing and wash it before reuse.**
P370, P378 **In case of fire; use water spray, carbon dioxide, dry chemical or alcohol foam for extinction.**
P403, P235 **Store in a well-ventilated place. Keep cool.**
P501 **Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations and product characteristics at time of disposal.**

3. COMPOSITION

	CAS NUMBER	%
1, 3, 5-Triazine-1,3,5(2H, 4H, 6H)-triethanol	4719-04-4	<=2.355
Isopropanolamine	78-96-6	<=2
Potassium Hydroxide	1310-58-3	<=1.215

4. FIRST AID

SKIN: Wash with plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered. Seek medical help promptly if there is persistent itching or redness in the affected area.

EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance if there is any irritation.

INHALATION: Remove from contaminated area promptly. **CAUTION: Rescuer must not endanger himself!** If victim's breathing stops, administer artificial respiration and seek medical aid promptly.

INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.

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5. FLAMMABILITY & FIRE-FIGHTING

Flash Point	N/A
Autoignition Temperature	N/A
Flammable Limits	N/A
Firefighting Precautions	foam, dry chemical, water spray, sand; firefighters must wear SCBA
Special hazards arising from the substance and mixture:	Do not use a heavy water stream.

6. ACCIDENTAL RELEASE MEASURES

Leak Precaution	dike to control spillage and prevent environmental contamination
Handling Spill	Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

7. HANDLING & STORAGE

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

ACGIH TLV	not listed	ACGIH STEL	not listed
OSHA PEL	not listed	OSHA STEL	not listed

Ventilation	mechanical ventilation is probably not required, if TLV is not exceeded
Hands	protective gloves
Eyes	goggles or safety glasses with side shields – *always protect the eyes*
Clothing	no special protective clothing required

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor & Appearance	clear, colorless liquid
Odor Threshold	N/A
Vapor Pressure	N/A
Evaporation Rate (*Butyl Acetate = 1*)	N/A
Vapor Density (air = 1)	N/A
Boiling Range	N/A
Melting Point	N/A
Specific Gravity	N/A
Water Solubility	N/A
Log $P_{o/w}$ (Octanol/H_2O partition)	N/A
Dynamic Viscosity	N/A
pH	N/A

10. REACTIVITY

Dangerously Reactive With	strong bases, strong acids
Stability	stable; will not polymerize
Decomposition Products	Carbon dioxide. Carbon monoxide. Fume.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.

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11. TOXICITY INFORMATION

i. *ACUTE EXPOSURE*

Skin Contact	causes skin irritation
Eye Contact	causes serious eye damage.
Inhalation	high vapor concentrations may cause irritation
Ingestion	not known

ii. *CHRONIC EXPOSURE*

General	prolonged exposure may cause dermatitis or allergic skin reaction
Sensitizing	may cause allergic skin reaction
Carcinogen/Tumorigen	not considered a tumorigen or a carcinogen in humans or animals
Reproductive Effect	no known effect
Mutagen	no known effect
Synergistic With	not known

12. ECOLOGICAL INFORMATION

Bioaccumulation	no data
Biodegradation	no data
Abiotic Degradation	no data
Mobility in soil, water	no data

13. DISPOSAL CONSIDERATIONS

Waste Disposal **do not flush to sewer**, recycle solvent if possible
Containers ***Warning: never cut, drill, weld or grind on or near this container, even if empty.***

14. TRANSPORT INFORMATION

Product Identification Number	**UN – not regulated for transport**
Shipping Name	**not regulated for transport**
Classification	**not regulated for transport**
Marine Pollution	***not a marine pollutant***
ERAP Required	***No***

15. REGULATIONS

This product has NOT been classified in accordance with hazard criteria of the controlled products regulations.

WHMIS (Canada)Status: not listed
WHMIS (Canada) hazard classification: not listed
SARA 311-312 Hazard Classification: not listed
US EPCRA (SARA Title III) Section 313-Toxic Chemical list-NONE
OSHA: Hazardous

Canada DSL	**not listed**
U.S.A. TSCA	**not listed**
Europe EINECS	**not listed**

16. OTHER INFORMATION

Date of Preparation	**May 2015**
Date of Revision	**-**

Prepared for Coburn Technologies Inc.

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PLEASE ENSURE THAT THIS SDS IS GIVEN TO, AND EXPLAINED TO PEOPLE USING THIS PRODUCT.

EMERGENCY INFORMATION: INFOTRAC 1-800-535-5053