

MATERIAL SAFETY DATA SHEET



4011 Hyde Park Blvd.
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JANUARY 2011

SECTION I – MATERIAL IDENTIFICATION

Trade/Material Name: Lubricant Blue

SECTION 2. COMPOSITION

<u>Name</u>	<u>CAS #</u>	<u>%</u>	<u>NFPA</u>
Ethanol 64-17-5		60-95	0-3-0
Methanol 67-56-1		<5	1-3-0
MIBK 108-10-1		<1	2-3-0
Ethyl Acetate	141-78-6	<5	1-3-0
Isopropanol 67-63-0		<20	1-3-0
1,2-propanediol 57-55-6		<20	0-1-0
Blue Dye		<0.5	NA

This product contains organic solvents and pigments

SECTION 3. Hazards

Emergency Overview

The risk of adverse effects is small due to the nature of the container size and the small amount applied during use. Product is highly flammable

Potential Health and Environmental Effects

Organic solvents may be absorbed into the body through inhalation and ingestion which may cause permanent damage to the nervous system and brain. The liquid may cause irritation to the skin, eyes and respiratory tract.

This product is not expected to be hazardous to the environment

SECTION 4 - First Aid Measure

Eyes: Flush with water for several minutes. DO NOT allow victim to rub or keep eyes closed. Remove contact lenses. If irritation develops, seek medical attention.

Skin: Flush skin with ample soap and water for at least 15 minutes. Remove contaminated clothing.

If irritation develops, seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Never give an unconscious person anything by mouth. DO NOT induce vomiting. If conscious, rinse mouth with water and drink plenty of water, seek medical attention.

Inhalation: Remove victim from exposure to fresh air. Seek medical attention if symptoms appear.

SECTION 5. Fire and Explosion Hazard

If fire occurs, wear NIOSH/MSHA approved SCBA and full personal protective equipment.

During a fire, irritating and/or toxic gasses may be generated from thermal decomposition. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog

Specific Hazards: This product is highly flammable. Explosive vapors may be formed even at room temperatures. Vapors are heavier than air and may travel along the floor line. Vapor may ignite by spark, hot surface or ember.

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SECTION 6 Accidental Release Measures

If spill occurs, do not smoke or use other sources of ignition. Avoid inhalation of vapors and skin contact. Do not discharge into drains, water courses or onto the ground. Clean large spills with absorbing material. Do not use sawdust or other combustible materials. Waste must be disposed of in accordance with Federal, State, and Local regulations.

SECTION 7. Handling and Storage

Handling: Avoid contact with skin, eyes, and clothing. Avoid inhalation and ingestion. Keep container closed whenever possible.

Storage: Store in a cool, well ventilated area.

Technical measures: Do not smoke or use other sources of ignition. Follow rules for flammable liquids.

SECTION 8. Personal Protection and Exposure Controls

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133

Skin: Wear appropriate protective gloves

Respiratory: NIOSH/MSHA approved dust mask and/or respirators

Clothing: Wear appropriate protective clothing to prevent skin exposure

Facilities control: Facilities storing or utilizing this material should have adequate ventilation along with an eye wash station and safety shower.

Name	CAS #	Exposure limits (ppm)	Type
Ethanol	64-17-5	1000	TWA
Methanol	67-56-1	200	TWA
MIBK	108-10-1	50	TWA
Ethyl Acetate	141-78-6	400	TWA

SECTION 9. Physical and Chemical Properties

Appearance: Liquid

Odor: Alcohol smell

Vapor Pressure: Unknown

Vapor Density: Unknown

Evaporation Rate: Unknown

Specific Gravity: 1.0-1.05

Boiling Point: Unknown

Flash Point: approx 13 C

Explosion Properties: 3.2-19.0 vol%

NFPA Rating: (estimated) Health: 0; Flammability: 3; Reactivity:

SECTION 10. Stability and Reactivity

Stability: Stable

Condition to avoid: Direct sunlight, heating and oxidizing agents
Hazardous Decomposition or Byproducts: None known

SECTION 11. Transportation Information

Shipping Name: Flammable Liquids, N.O.S. (Ethanol) UN #: 1993

Sea Class: 3.2 PG: II

Land Class: 3 Item: 3

Air Class: 3 PG: II