

MATERIAL SAFETY DATA SHEET

Identity (as used on label & list)

Tena-Film MOLY COMPOUND No. 03XL

Section I

Baum's Castorine Co., Inc
200 Matthew St.
Rome, N.Y. 13440

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HAZARD RATINGS	
Health	1
Flammability	1
Reactivity	0
Personal Protection	

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Section II

Hazardous components: (chemical identity; common names)

OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
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This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program. The product is formulated from lubricating base stocks which are severely hydrotreated, severely solvent extracted, and/or processed by mild hydrotreatment and extraction.

Sodium Nitrite Cas No. 7632-00-0	NA	0.58
Precautionary Labels:	None	

PHYSICAL/CHEMICAL CHARACTERISTICS

Section III

Boiling Point (° F.) on oil component	621° F.	Specific Gravity (H ₂ O =1) approximately	0.90
Vapor Pressure (mmHg) @ 20 ° Less Than	0.01mmHG	Percent, Volatile by Volume (%)	NIL
Vapor Density (air=1) greater than	5	Evaporation Rate (_____ =1)	negligible
Solubility in Water	negligible	Appearance & Odor: Opaque yellow gel, NGLI No. 0 consistency. Mild bland petroleum odor.	

FIRE AND EXPLOSION HAZARD DATA

Section IV

Flash Point (method used)	Flammable Limits	LEL	UEL
ASTM D92. C.O.C. 450°F on oil component	ND		

Extinguishing Media: Foam, dry chemical, carbon dioxide, water spray, water fog.
 Special Fire Fighting Procedures: NFPA Code: Health 1 Fire 1 Reactivity 0
 Use water spray to cool fire-exposed surfaces and to protect personnel. Use air-supplied breathing equipment for enclosed areas.
 Unusual Fire and Explosion Hazards:
 Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.

REACTIVITY DATA

Section V

Stability	Unstable
	Stable X

Conditions to Avoid: Avoid exposure to open flames.

Incompatibility (Materials to Avoid): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.
 Hazardous Decomposition or Byproducts: Fumes, smoke, aldehydes, oxides of carbon, nitrogen, sulfur and molybdenum in case of incomplete combustion.

Hazardous	may occur
Polymerization	will not occur X

Conditions to avoid:

Health Hazards (acute and chronic):

Prolonged or repeated skin contact tends to remove skin oils leading to irritation & dermatitis. Based on toxicological data & human experience, the product is judged to be neither a "corrosive" nor an "irritant" by OSHA CRITERIA. Product contacting the eyes may cause irritation.

Product acute oral Toxicity of LD 50 (Rat) greater than 5g/Kg of body weight, and an acute dermal LD50 (rabbit) greater than 3.16g/Kg of body weight. INHALATION: Vapor pressure is very low. Vapor inhalation under ambient conditions is not a problem.

Carcinogenicity: NIP? No IARC Monographs? No OSHA Regulated No.

Signs and Symptoms of Exposure: Prolonged or repeated skin contact may cause skin irritation. Product contacting eyes may cause irritation.

Medical Conditions:

Generally Aggravated by Exposure: None Known

Emergency First Aid Procedures: SKIN: Wash with soap & water. EYES: Flush with water for 15 minutes INHALATION: If overcome by vapor from hot product, remove to fresh air. If breathing is irregular or has stopped, start resuscitation. ORAL: DO NOT induce vomiting. Call a Physician. Product has low order of acute oral toxicity.

PRECAUTIONS FOR SAFE HANDLING AND USE

Section VII

Steps to be taken in case material is released or spilled:

Lubricating grease is slippery and should be immediately removed if spilled. Shovel or scrape excess. Cover area with fullers earth type oil absorbent, sand or sawdust. Residue can be removed with emulsion cleaners.

Waste Disposal Method: Incinerate in an approved manner or use approved land fill facility. Disposal should be in compliance with Federal, State and Local laws.

RCRA Status: Not A hazardous waste under RCRA (40CFR 261)

Precautions to be taken in Handling and Storing:

Keep containers closed when not in use. Store in clean area and protect from airborne dust and foreign material. Keep away from open flames.

Other precautions:

CONTROL MEASURES

Section VIII

Respiratory Protection(specify type): Not required in normal use.

Ventilation: Local Exhausts. Not required in normal use. Mechanical (general) Not required in normal use.	Special: Other:
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Protective Gloves: Normally not required. Use chemically resistant gloves for prolonged exposure.	Eye Protection: Usually not required. Product is a gel.
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Other Protective Clothing or Equipment:

Work/Hygienic Practices: