
1. Product and Company Identification

Identity (as used on label & list): **Soluble Oil 882**
 Product Description: Base Oil and Additives
 Intended Use: Metal Processing

Baum's Castorine Co., Inc. Telephone Number: (315) 336-8154
200 Matthew Street
Rome, N.Y. 13440 Date Prepared: May 25, 2015

2. Hazards Identification

Hazardous Classification:

Under conditions of intended use this product is not considered hazardous and does not pose a risk to health.

Pictogram: None

Signal word: Warning

Hazard Statement: Accidental high-pressure injection under skin or into any part of the body may cause serious injury and should be evaluated immediately by physician [regardless of the appearance of the wound] as a surgical emergency.

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.

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

HMIS	
H	1
F	1
R	0
PPE †	
† Sec. 8	

Signs and Symptoms of Exposure:

Inhalation: Minute amounts of product aspirated into the lungs during ingestion or vomiting may cause mild or severe pulmonary injury

Eyes: Product contacting the eyes may cause irritation.

Skin: Prolonged contact may defat skin leading to irritation and dermatitis. .

Medical Conditions aggravated by exposure: None known

3. Composition/ Information on Ingredients

Hydrotreated Light Naphthenic Petroleum Oil Cas No.	64742-53-6	26%
Hydrotreated Heavy Naphthenic Petroleum Oil Cas No.	64742-52-5	22%
Fatty alcohol alkoxylate	37335-03-8	5%
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	4719-04-4	1%
2-Amino-2-methyl-1-propanol	124-68-5	<1%
Balance	proprietary	

4. First Aid Measures

Inhalation: If overcome by vapor from hot product, remove to fresh air. If breathing is irregular or has stopped, assist ventilation with a mechanical device or use rescue breathing with a pocket mask.

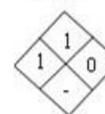
- Skin:** Wash skin with soap & water. Remove contaminated clothing and launder before wearing. Accidental high pressure injection under the skin or into any part of the body should be evaluated immediately by physician [regardless of the appearance of the wound] as a surgical emergency.
- Eyes:** Flush with water for 15 minutes. If eye irritation persists, seek medical attention.
- Oral:** DO NOT induce vomiting. Seek medical attention if discomfort occurs. Product has low order of acute oral toxicity.

5. Fire Fighting Measures

Flash Point (method used)

ASTM D92. C.O.C.	305° F	
Flammable Limits	LEL	UEL
Estimated Values	ND	ND

NFPA

**Extinguishing Media:**

Foam, dry chemical, carbon dioxide, water spray, and water fog. Straight streams of water are not appropriate.

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:

Pressurized oil mist [suspended in air] may form an explosive mixture. Do not mix or store with strong oxidants like liquid chlorine concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

6. Accidental Release Measures

Recover free product, add absorbent (sand, earth, sawdust, etc.) to spill area. Keep petroleum products out of sewers and water courses by diking or impounding. Advise authorities if product has entered or may enter sewers, water courses or extensive land areas.

7. Handling and Storage

Precautions to be taken in Handling and Storing:

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame or strong oxidants. Remove oil soaked clothing and launder before re-use.

Other precautions:

Empty Drums can be dangerous. Do not pressurize, cut, weld or expose to sources of ignition as they may explode and cause injury or death. Empty drums should be completely drained, properly bunged and returned to a drum reconditioner.

8. Exposure Controls/ Personal Protection

- Respiratory Protection (specify type):** Use supplied respiratory protection in confined or enclosed spaces is needed.
- Ventilation:** Local exhausts. Use to capture vapor mists or fumes. Mechanical (general)
- Special:** No special requirements under ordinary use with adequate ventilation.
- Protective Gloves:** Normally not required. Use chemically resistant gloves for prolonged exposure.
- Eye Protection:** Use splash goggles or face shield when eye contact may occur.
- Other Protective Clothing / Equipment:** Wear oil impervious apron if product may be splashed onto clothing during work procedures. Avoid breathing oil mists. Remove oil soaked clothing and launder before re-use.

Work/Hygienic Practices:

Avoid breathing oil mists. Always observe good personal hygiene practices, such as washing after handling the product. Remove oil soaked clothing and launder before re-use. Discard any clothing or footwear that cannot be adequately cleaned.

9. Physical and Chemical Properties

Physical State	Liquid
Appearance and Color	Hazy, brown
Flash Point	305°F
Boiling Point (° F)	212° F
Odor	Mild odor
pH 5% in water	9.3
Vapor Pressure (mmHg) @ 20° C. less than	0.01mmHG
Vapor Density (air=1) greater than	5
Viscosity S.S.U. @ 100° F	175 Typical
Viscosity C.S.T. @ 40°C	22
Solubility in Water	Emulsifiable
Specific Gravity (H ₂ O=1) approximately	0.935
Percent, Volatile by Volume (%)	negligible
Evaporation Rate (n-butyl acetate=1) less than	0.01
Appearance & Odor	Hazy, brown liquid. Mild odor.

10. Stability and Reactivity

Chemical Stability:	Stable under normal use conditions
Conditions to Avoid:	High temperature and open flame.
Materials to Avoid:	Avoid oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.
Hazardous Decomposition or Byproducts:	Fumes, smoke, aldehydes, oxides of carbon, and phosphorus in case of incomplete combustion.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Product has low order of oral toxicity; acute oral LD 50 (Rat) greater than 5g/Kg of body weight, and acute dermal LD50 (rabbit) greater than 3.16g/Kg of body weight based on testing of similar products. Prolonged contact may defat skin leading to irritation and dermatitis. Product has low order of acute oral and dermal toxicity, but minute amounts of product aspirated into the lungs during ingestion or vomiting may cause mild or severe pulmonary injury.

This product does not require a cancer hazard warning because it is formulated from severely hydrotreated base stocks.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

12. Ecological Information

Ecotoxicological data have not been determined specifically for this product. Information given is based on knowledge of the components and the ecotoxicology of similar products.

Mobility: Emulsifiable under normal environmental conditions. Mixes in water. If it enters soil, it will adsorb to soil particles and will be mobile.

Degradability: Major constituents are expected to be inherently biodegradable.

13. Disposal Considerations

Disposal should be in compliance with Federal, State and Local laws.

Reportable Quantity (RQ), EPA Regulation 40CFR 302: Not Applicable.

14. Transport Information

USA DOT: Not regulated

15. Regulatory Information

DOT Hazard Class: Not regulated
EPA Hazardous Substances: None
SARA 311/312 Hazards: Reportable hazard categories: Acute
California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
Governmental Inventory Status: All components comply with TSCA, DSL, AICS, NZIoC, ENCS, KECI, PICCS and IECSC.
SARA 313 reportable Substances: None

16. Other Information

US NFPA Codes	Health	Fire	Reactivity	
	1	1	0	
HMIS Codes	Health	Fire	Reactivity	PPE
	1	1	0	Section 8

The information on this SDS reflects the latest information that we have on hazards, properties, and handling of this product under recommended conditions of use. This company believes this information to be accurate and reliable however, the accuracy and completeness is not guaranteed.