

## 1. Product and Company Identification

Identity (as used on label & list): **Macson 457 Synthetic Coolant**  
 Product Description: Water Soluble Esters  
 Intended Use: Metal Working Coolant

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

Telephone Number: (315) 336-8154  
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 Date Prepared: April 4, 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.

Overview; Ingredients not listed as a carcinogen by IARC, NTP, or OSHA

DOT Hazard Class: Not Applicable

Threshold Value Limit (TLV): Not Determined

HMIS	
H	1
F	0
R	0
PPE†	
† Sec.8	

### Signs and Symptoms of Exposure:

Eyes Will cause irritation and conjunctivitis depending on length of exposure, solution concentration and first aid measures provided.

Skin Prolonged contact with product may cause discomfort, no adverse effects expected from absorption of material through skin

Ingestion Not expected to be a primary route of exposure

Inhalation Vapors or mists in unusually high concentration, in poorly ventilated areas may cause irritation of nose and throat.

## 3. Composition/ Information on Ingredients

Component	CAS-No.	%Wt.
Mixture of water soluble synthetic esters	Proprietary	25
Alkanolamine	124-68-5	3
Hexahydro-1,3,5(2-hydroxyethyl)-s-triazine	4714-04-4	2
Water	Balance	

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard 20CFR 1910.1200

## 4. First Aid Measures

**Skin:** Wash skin with soap and water.

**Eyes:** Flush with water for 15 minutes. If eye irritation persists, seek medical attention.

**Ingestion:** If swallowed, get immediate medical attention or advice. If victim is conscious and able to swallow, give large amounts of water. Do not give anything by mouth to the person who is unconscious or convulsing. Do not induce vomiting unless directed by a physician.

## 5. Fire Fighting Measures

Flash Point	Not Applicable
Auto Ignition Temperature:	Not Applicable
Flammable Limits	Not Applicable



Classification	Not Flammable
Extinguishing Media	Not Applicable

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## 6. Accidental Release Measures

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<b>Containment Procedures</b>	Stop flow of material if without risk. Dike spill with inert absorbent. Block any potential routes to water systems, sewers, streams, lakes, etc.
<b>Clean-Up Procedures</b>	Wear appropriate protective equipment and clothing. Absorb with inert absorbent, shovel material into appropriate container for disposal.
<b>Evacuation Procedures</b>	Keep unnecessary personnel away.

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## 7. Handling and Storage

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<b>Handling Procedures</b>	Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling.
<b>Technical Measures</b>	Work practices should minimize contact.
<b>Technical Precautions</b>	Local exhaust is normally not required unless the process produces a mist.
<b>Storage Procedures</b>	Store in tightly closed original container, in well ventilated place, away from strong acids and oxidizing agents. Prevent from freezing. If frozen, move to warm area.

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## 8. Exposure Controls/ Personal Protection

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**Ventilation Engineering Controls:** Ventilation should effectively remove and prevent any buildup of any vapor or mist generated from the use of this product

### Personal Protection Equipment (PPE)

<b>Respiratory Protection:</b>	If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA rated respiratory protection must be provided.
<b>Skin Protection:</b>	Use Impervious gloves. Use of impervious apron and boots are recommended
<b>Eye/Face Protection:</b>	Wear safety glasses, chemical goggles or a full face shield.
<b>Other Protective Clothing / Equipment:</b>	None.

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## 9. Physical and Chemical Properties

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Physical State	Liquid
Appearance and Color	Blue liquid
Boiling Point (° F) approximately	212° F
Odor	Mild amine odor
Vapor Pressure (mmHg)	Not determined
Vapor Density (air=1) less than	Not determined
Solubility in Water	Complete
Specific Gravity (H <sub>2</sub> O=1) approximately	1.072
Burning Properties	Oxides of carbon, nitrogen and phosphorus may be produced after all moisture is boiled off.
Flammability	Not Flammable
Explosive Properties	Not Explosive
pH of Product	9.7 - 9.9
Evaporation Rate (water=1)	< 1

Appearance &amp; Odor

| Blue liquid. Mild amine odor.

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**10. Stability and Reactivity**

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<i>Chemical Stability:</i>	This is a chemically stable material.
<i>Conditions to Avoid:</i>	Heat from fire sufficient to overpressure container.
<i>Materials to Avoid:</i>	Strong acids and oxidizers
<i>Hazardous Decomposition or Byproducts:</i>	Oxides of carbon, nitrogen and phosphorus may be produced after all moisture is boiled off.
<i>Hazardous Polymerization</i>	Will not occur.

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**11. Toxicological Information**

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Eyes	Will cause irritation and conjunctivitis depending on length of exposure, solution concentration and first aid measures provided.
Skin	Prolonged contact with product may cause discomfort, no adverse effects expected from absorption of material through skin
Ingestion	Not expected to be a primary route of exposure
Inhalation	Vapors or mists in unusually high concentration, in poorly ventilated areas may cause irritation of nose and throat.

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

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**12. Ecological Information**

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The product is not expected to be hazardous to the environment.

<i>Mobility:</i>	This product is soluble in water and will spread in water systems
<i>Degradability:</i>	The rate of degradation has not been determined. Lubricant components are inherently biodegradable.

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**13. Disposal Considerations**

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Waste Material    Disposal of in accordance with Local, State and Provincial Environmental Regulations.

Treat container as residue.

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**14. Transport Information**

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Not Regulated

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**15. Regulatory Information**

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

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**16. OTHER INFORMATION**

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<b>US NFPA Codes</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>	
	1	0	0	
<b>HMIS Codes</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>	<b>PPE</b>
	1	0	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.