
1. Product and Company Identification

Identity (as used on label & list): **HD 164LF Cleaner**
 Product Description: Water Soluble Surfactants and Water
 Intended Use: Hard Surface Cleaner

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:

Pictogram: None

Signal word: Warning

Hazard Statement: Causes Eye and Skin Irritation

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

SARA Hazard Title III Section 313: Not listed

HMIS	
H	1
F	0
R	0
PPE†	
†Sec.8	

Signs and Symptoms of Exposure:

Eyes Will cause irritation and inflammation characterized by redness, watering, and itching; depending on length of exposure, solution concentration and first aid measures provided.

Skin Causes skin irritation characterized by reddening. 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, will produce gastrointestinal discomfort.

Inhalation Not expected to be a primary route of exposure, vapors or mists in unusually high concentration, in poorly ventilated areas may cause irritation of nose and throat characterized by coughing.

3. Composition/ Information on Ingredients

Component	CAS-No.	%
Mixture of water soluble surfactants	Proprietary	< 20
Sodium Alkyl naphthalene sulfonate	77647-77-1	<2
Dipropylene glycol methyl ether	34590-94-8	6
Water	Balance	

4. First Aid Measures

Inhalation: Remove to fresh air. If irritation persists, seek medical attention. If breathing has stopped, assist ventilation with a mechanical device or use rescue breathing with a pocket mask.

Skin: Wash exposed area with skin with water. Remove contaminated clothing.

Eyes: Flush immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.

Ingestion: General precautionary measures suggest inducing vomiting immediately by giving 2 glasses of water and sticking finger down throat. Never give anything by mouth to a person who is unconscious or convulsing. Contact 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

Special Fire Fighting Procedures: Not Applicable

Unusual Fire and Explosion Hazards: None

NFPA Code: Health 1, Fire 0, Reactivity 0

6. Accidental Release Measures

Containment Procedures For large spills, contain material and absorb with earth, sand or similar inert materials and dispose of with solid waste according to Federal, State and Local regulations. Flush spill area with water.
For small spills, flush with water to dilute. Product is biodegradable.

Clean-Up Procedures

Evacuation Procedures

7. Handling and Storage

Handling Procedures

Technical Measures None

Technical Precautions None

Storage Procedures Keep from freezing. Store at temperature above +32F. If material freezes as liquid phase separation occurs. Warm room to temperature and stir to uniform mixture.

Other Precautions: If clothing is contaminated, remove and wash before reuse.

8. Exposure Controls/ Personal Protection

Ventilation Engineering Controls:

Local Exhausts: Not required. Mechanical (general): Not required

Personal Protection Equipment (PPE)

Respiratory Protection: Not required.

Skin Protection: Protective gloves not needed. Use chemically resistant gloves for prolonged exposure or sensitive skin.

Eye/Face Protection: Wear safety glasses, chemical goggles or a full face shield.

Other Protective Clothing / Equipment: None.

9. Physical and Chemical Properties

Physical State	Liquid
Appearance and Color	Transparent Green
Boiling Point (° F) approximately	212° F
Odor	Mild odor
Vapor Pressure (mmHg)	Not Determined

Vapor Density (air=1) less than	Not Determined
Solubility in Water	Complete
Specific Gravity (H ₂ O=1) approximately	1.06
Burning Properties	Oxides of carbon, nitrogen and phosphorus may be produced after all moisture is boiled off.
Flammability	Not Flammable
Explosive Properties	Not Explosive
Flashpoint	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH of Product	9.2
Evaporation Rate (water=1)	Equal to water.
Viscosity	Equal to water.

10. Stability and Reactivity

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

11. Toxicological Information

Eyes	Causes eye irritation.
Skin	Product is mildly alkaline. Prolonged exposure can defat the skin and may cause irritation in some individuals.
Ingestion	Large doses may cause diarrhea and intestinal bleeding
Inhalation	

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

12. Ecological Information

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

Mobility: This product is soluble in water and will spread in water systems

Degradability: The rate of degradation has not been determined. Surfactant components are inherently biodegradable.

13. Disposal Considerations

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

14. Transport Information

Not Regulated

15. Regulatory Information

DOT Hazard Class: Not regulated

EPA Hazardous Substances: None

SARA 311/312 Hazards: none

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.

16. OTHER INFORMATION

US NFPA Codes	Health	Fire	Reactivity	
	1	0	0	
HMIS Codes	Health	Fire	Reactivity	PPE
	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.