1. Product and Company Identification

Identity (as used on label & list): **Dura Quench 437**
Product Description: Water Soluble Lubricant
Intended Use: Metal Working Coolant

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

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.

HMIS	
H	1
F	0
R	0
PPE†	
†Sec.8	

Signal Word: Warning

Pictogram: None

Hazard Statement: 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.
Overview; Ingredients not listed as a carcinogen by IARC, NTP, or OSHA

DOT Hazard Class: Not Applicable
Threshold Value Limit (TLV): Not Determined

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.
Ingestion	Not expected to be a primary route of exposure. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury, however swallowing larger amounts may cause injury.
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.
Alkanol amine	102-71-6	< 26
Hexahydro-1,3,3 (2-hydroxethyl)-s-triazine	4719-04-4 4710-04-4	< 1.5
Sodium 2 – pyridinethio-1-ozixde	3811-73-2	< 1
Water Soluble lubricants	propriety	
Water	Balance	

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

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.

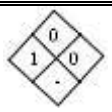
Skin: Wash skin with soap & water. Remove contaminated clothing and launder before wearing. High pressure injection under the skin or into any part of the body should be evaluated immediately by physician [regardless of the appearance of the wound] as a surgical emergency.

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

Ingestion: If swallowed, give nothing by mouth and do not induce vomiting. Seek Medical attention.

5. Fire Fighting Measures

Flash Point	Not Applicable
Auto Ignition Temperature:	Not Applicable
Flammable Limits	LEL – Not Applicable
	UEL – Not Applicable



Extinguishing Media:

Water, foam, dry chemical, carbon dioxide, water spray, water fog and most other methods are compatible.

Special Fire Fighting Procedures: Not Applicable. NFPA Code: Health 1, Fire 0, Reactivity 0

Unusual Fire and Explosion Hazards: Not Applicable.

6. Accidental Release Measures

Soak up with absorbent (sand, earth, sawdust, etc.) and dispose of absorbed material in accordance with regulations. Keep product out of sewers and water courses by diking or impounding. Advise authorities if product has entered or may enter sewers, water courses or land areas.

7. Handling and Storage

Handling Procedures Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling.

Technical Measures Work practices should minimize contact.

Technical Precautions Local exhaust is normally not required unless the process produces a mist.

Storage Procedures Store in tightly closed original container, in well ventilated place, away from strong acids and oxidizing agents. Prevent from freezing. If frozen, move to warn area.

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

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)

Respiratory Protection: If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA rated respiratory protection must be provided.

Skin Protection: Use Impervious gloves. Use of impervious apron and boots are recommended

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	Yellow green
Boiling Point (° F) approximately	212^{O} F
Odor	Mild amine odor
Vapor Pressure (mmHg)	Not determined
Vapor Density (air=1) less than	1
Solubility in Water	Complete
Specific Gravity (H_2O=1) approximately	1.072
Burning Properties	Oxides of carbon, nitrogen and phosphorus may be produced after all moisture is boiled off.
Percent, Volatile by Volume (%)	57
pH of Product	9.6
pH of 5% Solution	9
Evaporation Rate (water=1)	<1
Appearance & Odor	Yellow green liquid. Mild amine odor.

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:	Oxides of carbon, nitrogen and phosphorus may be produced after all moisture is boiled off.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

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 form 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

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 stated.

13. Disposal Considerations

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

Treat container as residue.

14. Transport Information

Not Regulated

15. Regulatory Information

DOT Hazard Class:	Not regulated
EPA Hazardous Substances:	None
SARA 311/312 Hazards:	Immediate (Acute) Health Hazard
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.