

## 1. Product and Company Identification

Identity (as used on label & list): **Dura Draw 150CA Stranding Lube**  
 Product Description: Lubricant  
 Intended Use: Metal Processing

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

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 Date Prepared: April 22, 2016

## 2. Hazards Identification

### Hazardous Classification:

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

Pictograms:



Signal word:

Warning



OSHA Hazard: Combustible as defined in 29CFR 1910.1200.

### Hazard Statement:

May cause mild to severe pulmonary injury if aspirated into respiratory system

May cause skin irritation and dermatitis with prolonged or repeated use

May cause serious injury if high pressure injection under skin/in any body part

May cause eye irritation

Pressured oil mist may form and explosive mixture.

OSHA Hazard: Combustible as defined in 29CFR 1910.1200.

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.

High vapor/aerosol concentrations (greater than 700ppm) attainable at elevated temperatures will above ambient are irritating to the eyes and respiratory track and may cause dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects.

Small amounts of this product aspirated in the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury. Minimal toxicity.

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. Low order of toxicity.

Contact with the eye may be slightly irritating but does not injure eye tissue.

The product is formulated from lubricating base stocks which are severely hydrotreated, 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.

### Exposure Limit for Total Product:

5 mg/m<sup>3</sup> for oil in air

5 mg/m<sup>3</sup> for oil mist or fumes

**Basis:**

OSHA Regulation 29 CFR 1910.1200 Recommended by the American Conference of Governmental Industrial Hygienists (ACGIH)

**Signs and Symptoms of Exposure:**

Inhalation: Low vapor pressure makes inhalation unlikely at standard temperatures and pressures. Mist or vapors may irritate mucous membranes. Exposure to high concentrations of vapor may cause central nervous system depression.

Eyes: Product contacting the eyes may cause irritation.

Skin: Prolonged or repeated contact with skin may cause skin irritation.

Medical Conditions Generally Aggravated None Known

By Exposure:

Mutagenicity: Components give negative mutagenic results from modified Ames Assay.

**3. Composition/ Information on Ingredients**

Synthetic Isoparaffinic Hydrocarbon CAS No. Proprietary 94.5%  
Balance Proprietary

All components in the product have been identified. No reportable hazardous substances are contained in the product.

Ingredient	OSHA PEL		AGGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Heavy Paraffinic	5 mg/m <sup>3</sup>	N/E	5 mg/m <sup>3</sup>	N/E	N/E	N/E	N/E
Distillate (petroleum)	(oil mist)		(oil mist)				

(N/E) - None established

**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 until irritation subsides. If eye irritation persists, seek medical attention.

**Oral:** DO NOT induce vomiting. Seek medical attention if discomfort occurs.

**5. Fire Fighting Measures**

Flash Point (method used)COC  
150°F

Flammability		
Explosion Limits @ 77 ° F	LEL	UEL
	0.7%	7.0%

**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 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**

In the event of a spill or accidental release notify all relevant authorities in accordance with all applicable regulations. 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 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. Prevent small spills and leaks. Do not store in unlabeled containers. This material is a static accumulator. Do not eat drink or smoke when using this material.

***Other precautions:***

Avoid breathing mists. Remove oil soaked clothing and lauder before re-use. 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):***

If oil mists are generated, observe the OSHA exposure limit of 5mg/m<sup>3</sup>. Use self-contained breathing apparatus (SCBA) protection in confined enclosed areas with hot vapor, mists or fumes.

***Ventilation:***

Local Exhausts. Recommended in confined space or above ambient temperatures to capture vapor mists or fumes if necessary. 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, Color	Water white
Flash Point (COC method)	150 <sup>o</sup> F
Pour Point less than	-76 <sup>o</sup> F
Boiling Point/Range (° F)	372-412

Odor	Odorless	
Vapor Pressure (mmHg) @ 68°F	1	
Vapor Density (air=1)	>5.9	
Viscosity	1.8 cSt @20°C	
pH	No data available	
Solubility in Water	0.01%	
Percent, Volatile by Volume (%)	94.5	
Evaporation Rate (n-butyl acetate=1)	<0.01	
Appearance & Odor	Water white liquid. Odorless	
Flammability		
Explosion Limits @ 77 ° F	LEL 0.7%	UEL 7.0%

### 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:	None. Product does not decompose under use and storage conditions. Fumes, smoke, aldehydes, oxides of carbon, sulfur, phosphorous and nitrogen, in case of incomplete combustion
Hazardous Polymerization	Will not occur.

### 11. Toxicological Information

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 based on testing of similar products. Product has a low order of acute oral and dermal toxicity but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild or severe pulmonary injury.

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

### 12. Ecological Information

**Ecotoxicity:** No information is available for the ecotoxicity of this product. Keep product out of sewers and waterways. Not expected to be toxic to aquatic organisms.

**Environmental Fate:** Base oil component is inherently biodegradable.

### 13. Disposal Considerations

Disposal should be in compliance with Federal, State and Local laws.  
RCRA STATUS: Not a hazardous waste under RCRA (40CFR 261)

### 14. Transport Information

USA DOT: Not regulated by USA DOT. Petroleum Distillate, N.O.S. Combustible liquid. UN 1268, II. Note: This product is not regulated by DOT in containers of 119 gallon capacity or less.

RID/ADR: Not regulated by RID/ADR.

IMO: Not regulated by IMO.

IATA: Not regulated by IATA.

Static Accumulator (50 picosiemens or less): Yes

**15. Regulatory Information**

**US OSHA Hazard Communication Standard:** Not hazardous in accordance with 29 CFR 1910.1200 when used for its intended purposes.

**EU Labeling:** EU labeling not required. Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives.

**Governmental Inventory Status:** All components comply with TSCA, EINECS/ELINCS, AICS, METI and DSL.

**U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:**

This product does not contain "extremely hazardous substances".

SARA Title III. This product does not contain Section 313 reportable ingredients.

**SARA (311/312) Reportable Hazard Categories:** None.

This product contains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program.

**16. OTHER INFORMATION**

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