1. Product and Company Identification

Identity (as used on label & list):	**Tena-Film Grease No. 300-1**
Product Description:	Base Oil and Additives
Intended Use:	Lubricating Grease
Baum's Castorine Co., Inc.	Telephone Number: (315) 336-8154
200 Matthew Street	Preparer: Paul Berger
Rome, N.Y. 13440	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.

Pictogram: None

Signal word Warning

HMIS	
H	1
F	1
R	0
PPE †	
† Sec. 8	

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.

Vapor pressure is very low. Vapor inhalation under ambient conditions is not a problem.

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, severly 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.

Signs and Symptoms of Exposure:

Low order of toxicity:	High-pressure injection under skin may cause serious injury.
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 mild irritation and possibly dermatitis.
Mutagenicity:	Components give negative mutagenic results from modified Ames Assay.
Medical Conditions aggravated by exposure:	None known

3. Composition/ Information on Ingredients

Hydrocarbon oil (CAS 64742-65-0) 45% (CAS 64742-62-7) 42% grease thickened with and containing proprietary additives.

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. 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. Produce has low order of acute oral toxicity.

5. Fire Fighting Measures

Flash Point (method used)

ASTM D92. C.O.C. on oil component	450° F	
Flammable Limits	LEL	UEL
Estimated Values	ND	ND

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

Lubricating grease is slippery and should be immediately removed if spilled. Shovel or scrape excess. Cover area with fullers earth type oil absorbent, sand or sawdust. Residue can be removed with emulsion cleaners.

7. Handling and Storage

Precautions to be taken in Handling and Storing:
Keep containers closed when not in use. Store in clean area and protect from airborne dust and foreign material. Keep away from open flames.

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):	Not required in normal use.
Ventilation:	Not required in normal use. Mechanical (general): Not required in normal use.
Special:	No special requirements under ordinary use with adequate ventilation.
Protective Gloves:	Normally not required. Use chemically resistant gloves for prolonged exposure.

Eye Protection:	Usually not required. Product is a gel..
Other Protective Clothing / Equipment:	None.
Work/Hygienic Practices:	None.

9. Physical and Chemical Properties

Physical State	Gel
Appearance and Color	Light amber-yellow buttery gel, NLGI No. 1 consistency
Flash Point on oil component	$450^{O}F$
Boiling Point (^{o} F) on oil component	621^{O} F
Odor	Hydrocarbon
Odor threshold	No data available
Vapor Pressure (mmHg) @ 20^{o} C.	0.01mmHG
Vapor Density (air=1)	5
pH	No data available
Drop Point	No-melt
Relative Density	0.9 – 1.3 g/cm^3
Solubility in Water	negligible
Specific Gravity (H_2O=1) approximately	0.90
Percent, Volatile by Volume (%)	NIL
Partition Coefficient n-octanol water	> 6 (based on information from similar products)
Initial Boiling Point	740 - 990 ^{O} F
Evaporation Rate (*n-butyl acetate*=1)	Not applicable
Auto Ignition Temperature	No data Available
Decomposition Temperature	No data Available
Viscosity	Not Applicable
Appearance & Odor	Light amber-yellow buttery gel. Mild, bland petroleum odor.

Flammable Limits	LEL	UEL
Estimated Values	ND	ND

10. Stability and Reactivity

Chemical Stability:	Stable under normal use conditions
Conditions to Avoid:	Avoid exposure to open flame.
Materials to Avoid:	Avoid oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.
Hazardous Decomposition or Byproducts:	Hazardous decomposition products will not form while in storage. Fumes, smoke, aldehydes, oxides of carbon, and sulfur, will form upon 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

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: Semi-solid under normal environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

Degradability: Major constituents are expected to be inherently biodegradable.

13. Disposal Considerations

Incinerate in an approved manner or use approved land fill facility. 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 dangerous goods
RID/ADR: Not dangerous goods
IATA: Not dangerous goods

15. Regulatory Information

DOT Hazard Class: Not regulated
EPA Hazardous Substances: None
SARA 311/312 Hazards: Reportable hazard categories: 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	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.