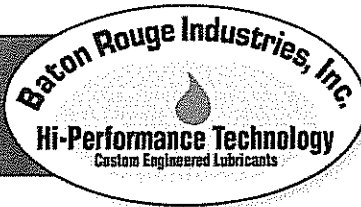


MATERIAL SAFETY DATA



Baton Rouge Industries, Inc.
5319 Groom Road • P.O. Box 26
Baker, Louisiana 70714
1-800-232-0334 • 225-775-3362
FX 225-775-3498
BatonRougeIndustries.com

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

1. Product and Company Identification

Product Name No Sheen Hydraulic Oils – All Grades	MSDS Code Number L-643NS
Trade Name & Synonyms L-643NS "No Sheen" Hydraulic Oil	Date of Last Revision 1/22/2009
Chemical Name Petroleum Oil Mixture	Manufacturer Baton Rouge Industries, Inc.
C.A.S. Number 8042-47-5	Address 5319 Groom Rd. P.O. Box Baker, LA 70714
Grades or Minor Variant Identities 20 Wt.	Information Telephone Number (225) 775-3362
	Foreign Emergency Telephone Number
Product Use (for Canada)	Emergency Telephone Number (800) 232-0334

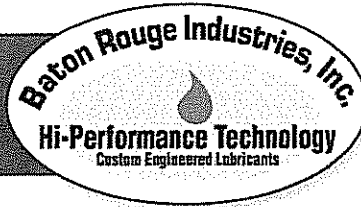
2. Composition/Information on Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits Oil Mist	%
Severely Refined, Paraffinic Mineral Oil	8042-47-5	5 MG/M3	90-100
Proprietary additive	Mixture	5 MG/M3	0-10
OSHA Regulatory Status 29 CFR 1910.1200.			

3. Hazards Identification

Emergency Overview					
This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposures	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Practically non-irritating to the eye upon direct contact.				
Skin	Minimally irritating upon direct contact.				
Inhalation	Low hazard at standard temperatures and pressures. Inhalation of oil mist or fumes can cause irritation of the nose, throat and upper respiratory tract.				
Ingestion	Do not ingest. May cause nausea, vomiting/diarrhea.				
Other					
Medical Conditions Aggravated by Exposure Personnel with pre-existing skin disorders should avoid contact with this product.					

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4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed
Eye	Flush with large amount of water for 15 minutes. Get medical attention if eye irritation develops or persists.	If material is hot, treat for thermal burns and take victim to the hospital immediately.	
Skin	Wash with soap and water. Remove contaminated clothes and wash before reuse. Get medical attention if skin discolor develops.		
Inhalation	This material is not expected to present an inhalation exposure at ambient conditions		
Ingestion	Do not induce vomiting. Get immediate medical attention or advice.		
Other	Not available		
Note to Physicians (Treatment, Testing, and Monitoring) Not available			

5. Fire Fighting Measures

Flashpoint Method: COC	°F 350	Flammable (Explosive) Limits in Air LEL Not determined	UEL Not determined	Autoignition Temperature NO DATA	°F 588	Hazard Rating	
Flame Propagation or Burning Rate (for solids) Not Available		Properties Contributing to Fire Intensity Not Determined		Flammability Classification N/A		Health	0
Extinguishing Media Water fog, foam, CO ₂ , dry chemical		Extinguishing Media to Avoid Not Available		Reactions to Extinguishing Media Not Available		Fire	1
						Reactivity	0
						PPE	B
Protection and Procedures for Firefighters Wear positive pressure self-contained breathing apparatus (SCUBA). Use water to cool containers exposed to flames. Structural firefighters' protective clothing will only provide limited protection.							
Unusual Fire and Explosion Hazards Mist or sprays may be flammable below oils normal flash point.							

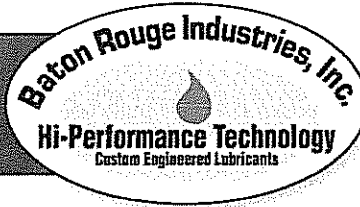
6. Accidental Release Measures

Spill/Leak Clean-up Procedures and Equipment Observing health hazards described above, ventilate area. Dike to contain spill. Pick up free liquid for recycle and/or disposal. Residual liquid and/or solid can be absorbed on inert material. Keep from sewers and natural water.
Evacuation Procedures Large spill <ul style="list-style-type: none"> Consider initial downwind evacuate for at least 1500 feet.
Special Instructions When using this material, do not eat, drink, or smoke. Wash thoroughly after handling. Keep away from animals and children.
Reporting Requirements Spills that enter a water body must be reported immediately to the USEPA's National Response Center at (800)546-2972. Check with your local and state regulators regarding their reporting requirements.

7. Handling and Storage

Handling Practices and Warnings Do not pressure, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode. See NFPA 30 and OSHA 1910.106 – flammable and combustible liquids.
Storage Practices and Warnings Store away from heat, sparks, open flame, or strong oxidizing agents in closed and properly labeled containers. Empty containers retain product residue (liquid, and/or vapor) and can be dangerous.

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8. Exposure Control/Personal Protection

Other Engineering controls	Ventilation	
N/A	Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended limits.	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies
Eye/Face	Safety glasses or face shield where splashing is possible.	Full face shield
Skin	As needed to prevent repeated skin contact. Solvent resistant gloves should be used if needed.	
Inhalation	Not normally needed.	Respirator

9. Physical and Chemical Properties

Appearance Blue liquid	Odor Mild petroleum odor	
Normal Physical State:	Boiling Point	IBP 559° ° F
<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Gas	Melting Point
		N/A ° F
<input type="checkbox"/> Solid	<input type="checkbox"/> (Other)	Freezing Point
		5 ° F
Specific Gravity or Density (H ₂ O = 1) 0.857	Solubility in Water Negligible	pH N/A
Vapor Pressure (mm Hg.) N/A	Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) Not Determined
Other N/A		

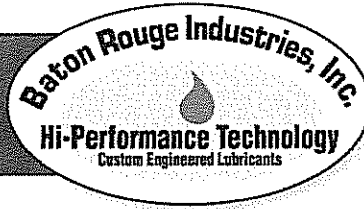
10. Stability and Reactivity

Incompatibility (Materials to Avoid) Heat, open flame, and oxidizing agents.
Hazardous Products Produced During Decomposition

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data		
<u>Acute Toxicity:</u> Test on similar materials show a low order of acute oral and dermal toxicity.		
Acute Oral Effects: Test on similar materials indicates low order of acute toxicity.		
Acute Inhalation Effects: Low acute toxicity expected on inhalation.		
Skin Effects: Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis. This product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.		
Eye Irritation: Minimal irritation on contact. Eye irritation slightly or practically non-irritating base on similar products.		
<u>Carcinogenicity:</u>		
Skin: Not considered a potential carcinogen base on IP346 DMSO of less than 3.0 wt%		
<u>Genotoxicity:</u> This product is considered non-mutagenic and has negative potential for tumor development based on from Modified Ames Assay, with Mutagenic Index of less than 1.0.		
Combustion products may include smoke, fumes, oxides of phosphorus, boron, sulfur, nitrogen, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.		
Hazardous Polymerization?	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions to Avoid
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		Conditions to Avoid Sources of ignition

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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

13. Disposal Considerations

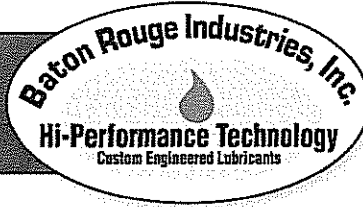
Regulations

Dispose in accordance with all local, state, and federal regulations. Keep this product out of sewers and waterways.

Note: State or local requirements may differ from federal regulations. Processing or using this product may make the information here inappropriate. Waste generators are responsible for waste classification, transport, and disposal.

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name Not regulated by DOT	Packing Group N/A
Do changes in quantity, packaging, or shipment method change product qualification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class N/A	Identification Number N/A
Other N/A		



15. Regulatory Information

Federal Regulations (OSHA, TSCA, CERCLA, FIFRA, EPCRA, CAA, CWA, SDWA, CPSA, DEA, FDA/USDA, etc.)

State Regulations

U.S. Federal Regulatory Information:

CERCLA/SARA

302/304/311 Categories: Extremely Hazardous Substances No
 (40 CFR 355 Appendix A)

311/312 Categories: Immediate (Acute) Health Effects No
 (40 CFR 370) Delayed (Chronic) Health Effects No
 Fire Hazard No
 Sudden Release of Pressure Hazard No
 Reactivity Hazard No

313 Categories: Toxic Chemicals (40 CFR 372) No

Clean Air Act: Hazardous Air Pollutants (HAPS) No

Clean Water Act: If spilled into navigable waters it is reportable to National Response Center, 800-424-8802
 (40 CFR 116; 401.15) Reportable Quantity = Oil Sheen present on navigable water surface

OSHA (29 CFR 1910): This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200

RCRA (40 CFR 261.133) This product does not meet hazardous waste criteria.

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA Inventory of chemicals.
 CAS No. 64742-56-9

State Regulations:

California Prop 65 No Proposition 65 chemicals exist in this product, no labeling required.

Florida No listed ingredients are present

Massachusetts RTK No listed ingredients are present

Minnesota RTK No listed ingredients are present

New Jersey RTK Lists petroleum oil, but this product does not contain hazardous ingredients.

Pennsylvania RTK Lists petroleum oil, but this product does not contain hazardous ingredients greater than 3%.

Illinois DOL TSL No listed ingredients are present

Other Regulations:

WHMIS (Canada) Not listed on the Canadian Controlled Product Ingredient Disclosure and is compliant with Controlled Products Regulation

CONEG Metals: Since cadmium, chromium, lead and mercury are not detectable and it does not exceed 100 ppm total in this product, it is compliant with CONEG Metals regulation.

EEC (Europe): This product is not known to be a dangerous good internationally.

No known R-Phrases or S-Phrases

Hazard Label None

Danger Symbol None

International Regulations

N/A

16. Other Information

Label Text, Hazard Rating System, Key Legend, or Other

abbreviations

ACGIH(American Conference of Governmental Industrial Hygienists); ANSI(American National Standards Institute); CAS(Chemical Abstract Service); CERCLA(Comprehensive Environmental Response, Compensation, & Liability Act); CFR(Code of Federal Regulations); CHIP (Chemicals Hazard Information & Packaging for Supply); CONCAWE (European Organization for Environment, Health & Safety); CPR(Controlled Products Regulations); DOL (Department of Labor); EED(European Economic Community Directives); EINECS (European Inventory of Existing Commercial Chemical Substances); EL50 (Effective loading rate required to immobilize 50% invertebrate species); ELINCS(European List of New Chemical Substances); EPA (Environmental Protection Agency); EPCRA(Emergency Planning & Community Right-To-Know Act of 1986); EU(European Union); FDA(Food & Drug Administration-USA); GHS (Global Harmonization System); HCS (Hazard Communication Standard); IARC(International Agency for Research on Cancer); ILO(International Labor Organization); LC50(Lethal Concentration 50% test organisms); LD50(Lethal Dose 50% test organisms); LVP-VOC(Low Vapor Pressure Volatile Organic Compound); MSDS(Material Safety Data Sheet); MSHA(Mine Safety & Health Administration); NIOSH(National Institute of Occupational Safety & Health);NTP(National Toxicology Program); OSHA(Occupational Safety & Health Administration); PEL(Permissible Exposure Limit); Prop 65(California Proposition 65); PMCC(Pensky Martin Closed Cup); RCRA(Resource Conservation & Recovery Act); RTK(Right-To-Know); R-Phrases(EU Risk Phrases; S-Phrases (EU Safety Phrases); SARA(Superfund Amendments & Reauthorization Act); TSCA (Toxic Substances Control Act); TSL (Toxic Substance List); TLV(Threshold Limit Value); WHMIS(Workplace Hazardous Materials Information System-Canada); IRL50 (Inhibitory loading rate required to reduce algal growth rate by 50%); IBL50 (Inhibitory loading rate required to reduce area under growth curve or biomass by 50%); ppm (parts per million); mg/m³ (milligrams per cubic meter); N(no); Y (yes)

NFPA Hazard Rating – Health 0 Slight

–Fire 1 Slight

Reactivity 0 Least

Prepared By: Phone: (225) 775-3362

This MSDS complies with OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200 and conforms to ANSI Z 400.1 16-Section Format.

NOTE: OSHA's Hazard Communication Standard (29 CFR 1910.1200) does not require the information requested in Sections 11, 12, 13, 4, 15, and 16 for MSDSs. If your company chooses not to fill in these sections, you may wish to enter something (like N/R for "not regulated" or N/A for "not applicable") to indicate that the field is purposely being left blank.