Safety Data Sheet

Polybutene L-50

Section 1: Product and Company Identification

Manufacturer	Ideas Additives LLC 625 S Main St. Lombard, IL 60148		
Telephone	(630) 620-2010	**Fax**	(630) 620-2014
Product Name(s)	Polybutene L-50		
Recommended Use	Lubricant		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(800) 424-9300		

Section 2: Hazard Identification (In accordance with OSHA (29 CFR 1910.1200, 2024)

Classification of the substance or mixture	Not Classified
Signal Word	Not Applicable
Precautionary statements	Not Applicable
Hazards Not Otherwise Classified	None known
Acute Toxicity Estimate	This mixture contains no materials of unknown acute toxicity.

Section 3: Composition/Information on Ingredients

Component	CAS #	Percent
Polybutene mixture	9003-29-6	100

Section 4: First Aid Measures

General Notes (all categories)
Material and is not easily washed off. Seek medical advice or attention if you feel unwell. Some effects may not appear immediately.

Eye Contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice or attention if eye irritation persists.

Skin Contact
Take off all contaminated clothing. Product is not soluble in cold water. Clean contact areas with waterless hand cleaner then rinse with soap and water. Wash contaminated clothing before reusing. Seek medical advice or attention if irritation occurs and persists.

Ingestion
Never give anything by mouth to an unconscious person. Give water if victim is conscious. Do not induce vomiting without medical direction. Keep head below hips if vomiting occurs to prevent aspiration. Seek medical advice or attention.

Inhalation
Remove person to fresh air. Seek medical advice or attention.

Most Important Symptoms / Effects
Eye irritation or redness, skin rash or irritation.

Indication of Immediate Medical Attention and Special Treatment, If Necessary
Persistent skin irritation or rash; persistent eye irritation.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media
Product will burn at high temperatures. Use water spray, fog, dry chemical, or foam. High pressure water stream may spread fire. No known unsuitable materials.
Specific Hazards Arising from the Chemical
May produce toxic smoke, decomposition products, flammable gases, and acrid vapors in a fire. Product can depolymerize and produce extremely flammable butene monomer. Vapor may cause fire and may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. Closed containers may rupture or explode when exposed to extreme heat. Where open cell insulation has been contaminated with polybutene, spontaneous combustion may occur at temperatures as low as 280 °F / 138 °C. Therefore, where open cell insulation has been used, the temperature of storage tanks and heat tracing must be kept well below 250 °F / 120 °C and any insulation contaminated with polybutene should be replaced immediately.
Specific Protective Equipment and Precautions for Fire-Fighters
Avoid breathing vapors and mists. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Do not enter enclosed area without a positive pressure, NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions
Affected area may be slippery. Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.
Environmental Precautions
Contain spill if it can be done with minimal risk. Prevent from entering drains, sewers, or waterways. Advise EPA, state, or local agencies as required.
Methods for Cleaning Up
Stop leak if you can without risk. Do not discharge to the environment. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Avoid contact of spilled material and runoff with soil and surface waterways. Treat as an oil spill. See section 13 for waste disposal information.

SECTION 7: HANDLING AND STORAGE

Handling
Practice good chemical hygiene. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Wear appropriate eye and face protection, protective gloves and clothing to prevent or minimize contact. Use good ventilation and follow all procedures and precautions for handling chemicals. Workers should wash hands before eating, drinking, smoking or using the restroom.
Storage
Store in a segregated and approved area away from heat, sparks, open flame or any other ignition source. A potentially flammable atmosphere may be generated if material is held hot for prolonged periods. For prolonged storage at temperatures of 140 °F / 60 °C and above, keep in rust-free tanks and exclude oxygen by use of a nitrogen blanket. Heating systems such as drum band heaters which generate localized hot spots or areas should never be used. Suitable storage materials are mild or carbon steel. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	ACGIH TWA	OSHA PEL
No exposure limits	Not Applicable	Not Applicable

Engineering Controls
No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure. Use appropriate ventilation to maintain good air quality. Avoid breathing aerosols or mists; use appropriate respirator if necessary.
Eye and Face Protection
Wear safety glasses or chemical safety goggles; use face shield when working with large amounts or when splashing is possible.
Skin Protection
Wear oil and chemically resistant protective clothing and gloves to avoid contact.
Respiratory Protection
Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation.

General Hygiene
Follow accepted work practices for eye and face protection. Do not eat, drink, or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Clear water white to pale yellow liquid	**Flash Point (open cup)**	300 °F / 149 °C
Specific Gravity (Water=1)	0.9 – 1.0	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Determined
pH	Not Applicable	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Insoluble	**Decomposition Temperature**	Not Determined
Odor	Slight floral	**Vapor Pressure**	Not Determined
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Melting/Freezing Point	Not Determined	**Partition Coefficient (n-octanol/water)**	Not Determined
Boiling Range	Not Determined	**Viscosity**	Not Determined
Initial Boiling Point	> 480 °F / 250 °C	**Critical Temperature**	Not Determined
Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.			

SECTION 10: STABILITY AND REACTIVITY

Reactivity Not reactive under normal storage and use conditions; see also Sections 5, 7.
Chemical Stability Stable under normal storage and use conditions
Possibility of Hazardous Reactions Will not react under normal conditions; see also Sections 5, 7.
Conditions to Avoid Keep away from all sources of ignition, heat, sparks, flame. Avoid strong oxidizing conditions. Avoid exposure to temperatures above 140 °F / 60 ° C in the presence of air.
Incompatible Materials Strong oxidizing agents; acidic clays at > 100C.
Hazardous Decomposition Products Oxides of carbon, flammable gases, or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
This product has not been tested. Product component acute toxicities are not classified at the concentration in this product. The most likely route of exposure is skin contact. Eye contact may cause irritation. Skin contact may cause irritation. Inhalation may cause respiratory irritation or adverse lung effects. Swallowing material may cause irritation of gastrointestinal tract, nausea, vomiting, diarrhea, or abdominal pain depending on the individual's sensitivity and the amount ingested.
Chronic Toxicity Effects
Long term or repeated exposure may aggravate any acute symptoms.
Carcinogenicity
NTP, OSHA and IARC have not identified any carcinogenic ingredients in this product.

SECTION 12: ECOLOGICAL INFORMATION

This product has not been tested. Based on its main components it is not classified as hazardous to the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not dispose to sewer. Avoid release to the environment. Dispose of material and empty containers in accordance with local, state/province, and federal environmental regulations. Empty containers may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards. Labels should not be removed from containers until they have been cleaned.

SECTION 14: TRANSPORT INFORMATION

DOT Not Regulated
IMDG Not Regulated
IATA Not Regulated

SECTION 15: REGULATORY INFORMATION

Chemical Inventories	All ingredients are listed or exempt from listing on the TSCA, active (U.S.) and DSL (Canada) inventories.
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None
Clean Water Act	Report contamination of surface waters immediately to the National Response Center.
CERCLA (Comprehensive Environment Response, Compensation and Liability Act)	No calculable reportable quantity (RQ) for this product
California Prop 65	Not listed

SECTION 16: OTHER INFORMATION

NFPA Rating	Health=1; Flammability=1; Reactivity=0
Department Issuing SDS	Health and Safety

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