



SAFETY DATA SHEET

SECTION 1.0	PRODUCT AND COMPANY IDENTIFICATION
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Product Identifier	UNIPAR® 120 KS
Other means of identification	Petroleum oil; Lube oil; Petroleum hydrocarbon; Lubricant., Process Oil
Recommended use (identified)	Lubricating oils. If this product is used in combination with other products, refer to the Safety Data Sheets for those products.
Recommended restrictions	None known
Manufacturer/Importer/Supplier/Distributor Information	UNISOURCE-ENERGY, LLC 40 Shuman Blvd, Suite 290 Naperville, IL 60563
E-mail	orders@unisource-energy.com
Telephone number	Phone: 630-470-6030 Fax: 630-470-6031
Emergency telephone number	UNISOURCE-ENERGY, LLC 1-800-444-5510 CHEMTREC 1-800-424-9300

SECTION 2.0	HAZARD(S) IDENTIFICATION
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Classification in Accordance with 29 CFR 1910.1200.	Not hazardous according to classification criteria.
GHS label elements	None needed according to classification criteria.
Signal word	None needed according to classification criteria.
Hazard statement	None needed according to classification criteria.
Precautionary statement	
Prevention	None needed according to classification criteria.
Response	None needed according to classification criteria.
Storage	None needed according to classification criteria.
Disposal	Dispose of in accordance with all applicable federal, state and local regulations



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Hazard(s) not otherwise classified (HNOC)

Repeated exposure may cause skin dryness or cracking.

SECTION 3.0	COMPOSITION/INFORMATION ON INGREDIENTS
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CAS number/other identifiers

Ingredient Name	%	CAS number
Lubricating oils, petroleum, hydrotreated spent	100	64742-58-1

SECTION 4.0	FIRST AID MEASURES
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Description of necessary measures

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention, if needed.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention, if needed.
Skin contact	Wash with plenty of soap and water. Get medical attention, if needed
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most important symptoms

Acute	No information on significant adverse effects
Delayed	No information on significant adverse effects

Indication of immediate medical attention and special treatment needed

Treat symptomatically and supportively.



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SECTION 5.0	FIRE-FIGHTING MEASURES
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Suitable extinguishing media

Carbon dioxide, regular foam, dry chemical, water spray, or water fog. Water or foam may cause frothing

Unsuitable extinguishing media

Do not use high-pressure water streams

Specific hazards arising from the chemical

Negligible fire hazard. Avoid friction, static electricity and sparks.

Hazardous thermal decomposition products

Decomposition and combustion materials may be toxic. Burning may produce sulfur oxides, aldehydes, ketones, carbon monoxide and unidentified organic compounds.

Special protective equipment and precautions for firefighters

A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies

Fire Fighting Measures

Move container from fire area if it can be done without risk. Keep storage containers cool with water spray. Heated containers may rupture or be thrown into the air. "Empty" containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact or static discharge.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION 6.0	ACCIDENTAL RELEASE MEASURES
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Personal precautions, protective equipment and emergency procedures

Wear personal protective clothing and equipment, see **Section 8**. Avoid release to the environment

Methods and materials for containment and cleaning up

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **Section 8: Exposure Controls/Personnel Protection**. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, spark proof tool into a sealable



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container for disposal. Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

SECTION 7.0	HANDLING AND STORAGE
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Precautions for safe handling

Keep away from sparks and flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools and explosion-proof equipment. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. This product has a low vapor pressure and is not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting, or heating this product, do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes

Conditions for safe storage, including any incompatibilities

Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.

Incompatibilities

Strong oxidizing materials

SECTION 8.0	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Occupational Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Appropriate engineering controls

Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering

Individual Protection measures, such as personal protective equipment

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: safety glasses, gloves, lab coat, or apron.



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Eye/face protection

Safety glasses with side shields should be worn at a minimum. Additional protection such as goggles, face shields, or respirators may be needed depending upon anticipated use and concentrations of mists or vapors. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Contact lens use is not recommended.

Skin protection

Where skin contact is likely, wear neoprene, nitrile, or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended.

Respiratory protection

No respiratory protection is normally required. Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4 Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance.

SECTION 9.0

PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor	Amber liquid, petroleum odor
Odor threshold	Not available
pH	Not applicable
Melting point	Not available (pour point 27°F, (-3°C))(maximum)
Boiling Point	265°F (129.5°C) (minimum)
Flash point	329°F (165°C) (minimum)
Specific Gravity	0.87 (water = 1) (approximately)
Octanol/H₂O Coefficient	Not available
Solubility (H₂O)	Insoluble
Evaporation rate	Not available
Lower and upper explosive (flammable) limits	Not available
Vapor pressure	less than 0.1 mm Hg at 68°F (20°C)
Density	7.3 LB/US gal (870 g/l) (approximately)
Auto-ignition temperature	Not available
Viscosity	>20.5 mm ² /s @ 104°F (40°C)
Other Property Information	No information is available



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SECTION 10.0	STABILITY AND REACTIVITY
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Reactivity	No reactivity hazard is expected.
Chemical stability	Stable under normal temperatures and pressures.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Avoid sparks, flames, and other sources of ignition.
Incompatible materials	Avoid oxidizing agents.
Hazardous decomposition products	None under normal temperatures and pressures.

SECTION 11.0	TOXICOLOGICAL INFORMATION
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Toxicity Data and Information

Component Analysis - LD50/LC50

Lubricating oils, petroleum, hydrotreated spent (64742-58-1)

Dermal LD50 Rabbit >4480 mg/kg; Oral LD50 Rat >2000 mg/kg

Information on the likely routes of exposure

Eye contact	No information on significant adverse effects.
Inhalation	No information on significant adverse effects.
Skin Contact	Prolonged or repeated skin contact may cause irritation.
Ingestion	May be harmful if swallowed.
Immediate Effects	No information on significant adverse effects.
Delayed Effects	No information on significant adverse effects.
Irritation/Corrosivity	May cause slight skin and respiratory irritation.
Respiratory Sensitization	No information available for the product.
Skin Sensitization	No information available for the product.
Carcinogenicity	
Component Carcinogenicity	None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.
Germ Cell Mutagenicity	No information available for the product.
Teratogenicity	No information available for the product.



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Reproductive Effects	No epidemiological data is available for this product.
Specific Target Organ Effects - Single Exposure	No information on significant adverse effects.
Specific Target Organ Effects - Repeated Exposure	No information on significant adverse effects.
Aspiration Hazard	No data available
Medical Conditions Aggravated by Exposure	Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

SECTION 12.0	ECOLOGICAL INFORMATION
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Ecotoxicity Toxic to aquatic life

Component Analysis - Ecotoxicity - Aquatic Toxicity

Lubricating oils, petroleum, hydrotreated spent (64742-58-1)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Brachydanio rerio	79.6 mg/L [semi-static]	
96 Hr LC50 Pimephales promelas	3.2 mg/L [semi-static]	

Persistence and degradability	No information available for the product
Bioaccumulative potential	No information available for the product
Mobility in general	No information available for the product
Other adverse effects	No information available for the product



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SECTION 13.0	DISPOSAL CONSIDERATIONS
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Disposal instructions

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, this product can be managed in accordance with the used oil exemption under 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

SECTION 14.0	TRANSPORT INFORMATION
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Emergency Response Guide Number	Not applicable
DOT Shipping Name	Not regulated as a hazardous material for transportation
TDG Shipping Name	Not regulated as a dangerous good for transportation.

SECTION 15.0	REGULATORY INFORMATION
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Volatile Organic Compounds (As Regulated)

Negligible; As per 40 CFR Part 51.100(s)

Federal Regulations

SARA 302/304

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B

SARA 311/312 Hazardous Categories

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No



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SARA Section 313

Component Analysis

This product does not contain any "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

CERCLA

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA Inventory

All the components of this product are listed on, or are automatically included as 'natural occurring chemical substances on, or are exempted from the requirement to be listed on, the TSCA Inventory.

Component Analysis

Component	CAS #	TSCA
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	Yes

U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA. No component(s) are listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

Canadian Regulations

Component Analysis

Component	CAS #	CAN
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	Yes

Canadian WHMIS Information Not regulated

Component Analysis - WHMIS IDL Not regulated

SECTION 16.0	OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION
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Abbreviations

ACGIH = American Conference of Governmental Industrial Hygienists; ADR = European Road Transport; AAICS = Australia Inventory of Chemical Substances; ATE = Acute Toxicity Estimation; AU = Australia; BCF =

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Bioconcentration Factor; BOD = Biochemical Oxygen Demand; C – Celsius, CA = Canada, CAS = Chemical Abstracts Service; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; COC = Cleveland Open Cup; CN = China; CPR= Controlled Products Regulations; CWA = Clean Water Act; DEA – Drug Enforcement Administration; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List (Canada); ECC = European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; ENCS = Japan Existing and New Chemical Substances; EPA = Environmental Protection Agency; EU = European Union; F = Fahrenheit; GHS = Globally Harmonized System of Classification and Labelling of Chemicals; HAPs = Hazardous Air Pollutants; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; IBC = Intermediate Bulk Container; ICAO = International Civil Aviation Organization; IDL = Ingredient Disclosure List; IDLH = Immediately Dangerous to Life and Health; IMDG = International Maritime Dangerous Goods; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; JP – Japan; , Kow = Octanol/water partition; LEL = Lower Explosive Limit; LOLI = List of Lists™ - ChemADVISOR's Regulatory Database; ; MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution; MAK = Maximum Concentration Value in the Workplace; MEL = Maximum Exposure Limits; NDSL = Non-Domestic Substances List (Canada); NE = Not Established; NFPA = National Fire Protection Association; NIOSH = National Institute for Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NTP = National Toxicology Program; NZ – New Zealand; OSHA = Occupational Safety and Health Administration; PAH = Polycyclic Aromatic Hydrocarbon; PEL = Permissible Exposure Limit (OSHA); PH= Philippines; PICCS = Philippines Inventory of Chemicals and Chemical Substances; RCRA = Resource Conservation and Recovery; RID = European Rail Transport; RETCS = Registry of Toxic Effects of Chemical Substances®; RTK = Right To Know; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); SCBA = Self-Contained Breathing Apparatus; SDWA = Safe Drinking Water Act; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value (ACGIH); TSCA = Toxic Substances Control Act Section 8(b) Inventory; TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; UN = United Nations; US = United States; WHMIS = Worker Hazardous Materials Information System (Canada)

Disclaimer

The information presented herein has been compiled from sources considered to be dependable and is accurate as of the date of preparation of this Safety Data Sheet. However, Seller does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license. All materials may present unknown hazards and should be used with caution. In addition, no responsibility can be assumed by the Seller for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the material. Seller assumes no responsibility for injury to Buyer or to third persons or any damage to any property. Buyer assumes all such risks.