



# SAFETY DATA SHEET

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| <b>SECTION 1.0</b> | <b>PRODUCT AND COMPANY IDENTIFICATION</b> |
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**Product Identifier**

UNINAP® 2000 JS

**Other means of identification**

Petroleum, Hydrocarbon, Severely Solvent Refined Heavy Naphthenic Distillate, Base Oil

**Recommended Use**

Base Oil, Tire Oil, Adhesives

**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

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| <b>SECTION 2.0</b> | <b>HAZARD(S) IDENTIFICATION</b> |
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**GHS Requirements****Hazard Symbol**

None

**Signal word**

None

**Hazard Statement**

This product does not meet the criteria for classification.

**OSHA/HCS status****Physical Hazards**

Not Classified

**Health Hazards**

Not Classified

**OSHA Defined Hazards**

Not Classified

**Precautionary Statements****Prevention**

Not applicable

**Response**

Not applicable



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**Storage**

Not applicable

**Disposal**

Not applicable

**SECTION 3.0**
**COMPOSITION/INFORMATION ON INGREDIENTS**
**Chemical Family**

Petroleum, Hydrocarbon

**CAS Number/Other Identifiers**

| Ingredient Name                                      | %   | CAS number |
|--|-----|------------|
| Severely Solvent Refined Heavy Naphthenic Distillate | 100 | 64741-96-4 |

**SECTION 4.0**
**FIRST AID MEASURES**
**Description of Necessary First Aid Measures**
**Eyes**

Avoid contact with eyes. If contact occurs, immediately flush eyes with water for a minimum of 15 minutes. Seek medical attention immediately.

**Inhalation**

Not expected to be a problem. However, if respiratory irritation, dizziness, nausea or unconsciousness occurs due to excessive vapor or mist exposure, seek medical attention. If operating conditions create airborne concentrations that exceed the exposure standard, the use of an approved NIOSH/OSHA respirator for organic vapors or air-supplied breathing equipment is recommended.

**Skin contact**

Avoid contact with skin. If contact occurs, wash contact areas with soap and water. Remove and clean oil-soaked clothing daily and wash affected area.

**Ingestion**

Do not induce vomiting. If ingested, seek medical attention.

**Important Symptoms/Effects, acute and Delayed**
**Eyes**

Eye contact may result in irritation and redness. Exposure to high concentrations of vapors may be irritating to the eyes.

**Skin**

Prolonged and repeated contact can defat the skin, which may result in dryness, dermatitis and cracking of the skin.

**Ingestion**

Do not ingest. Ingestion may result in nausea or stomach discomfort. If swallowed do not induce vomiting, call a physician.

**Inhalation**

Fumes may be unpleasant and may produce nausea. Remove the person to fresh air if respiratory discomfort occurs.

**Recommendations for Immediate Care and Special Treatment Needed, when Necessary**



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Persons with preexisting skin or respiratory disorders may have their conditions aggravated by overexposure to this material. Seek medical attention

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| <b>SECTION 5.0</b> | <b>FIRE-FIGHTING MEASURES</b> |
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**Flammable Limits in Air (% by Volume)**

Upper: No data available

Lower: No data available

**Flash Point**

400°F Minimum

**Suitable Extinguishing media**

Foam, water fog, dry chemical, CO<sub>2</sub>

**Special Fire Fighting Procedures**

Do not enter confined fire space without proper protective equipment including self-contained breathing apparatus. See Hazardous Decomposition Products.

**Hazardous Decomposition Products**

Normal combustion forms carbon dioxide and water vapor and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide

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| <b>SECTION 6.0</b> | <b>ACCIDENTAL RELEASE MEASURES</b> |
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**Personal Precautions, Protective Equipment and Emergency Procedures**

Wear safety glasses, rubber gloves, Tyvek type coveralls and rubber boots.

**Accidental Release Measures**

In case of spill, clean up using absorbent material such as earth or sand.

**RCRA Hazard Class**

This product is not a characteristic hazardous waste under RCRA. No EPA waste numbers are applicable for this product's components.

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| <b>SECTION 7.0</b> | <b>HANDLING AND STORAGE</b> |
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**Personal Protection**

Wear safety glasses, rubber gloves, Tyvek type coveralls and rubber boots.

**Handling and Storage**

Avoid fire, sparks or open flame. Wear appropriate personal protective equipment to ensure that this product does not contact the eyes or skin.

**Ventilation**

Use adequate ventilation to keep the airborne concentrations of this material below the established exposure standard.



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| <b>SECTION 8.0</b> | <b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
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## Exposure Controls

| Component   | CAL-OSHA PEL-TWA (8 Hour)          | ACGIH TLV-TWA (8 Hour)             | OTHER LIMITS RECOMMENDED |
|---|------------------------------------|------------------------------------|--------------------------|
| Severely Solvent Refined Heavy Naphthenic Distillate CAS No. 64741-96-4 | 5 mg/m <sup>3</sup><br>As oil mist | 5 mg/m <sup>3</sup><br>As oil mist | None                     |

## Personal Protective Equipment

### Respiratory protection

If operating conditions create airborne concentrations that exceed the exposure standard for this product, the use of an approved NIOSH/OSHA respirator for organic vapors or air supplied breathing equipment is recommended.

### Eye protection

Wear appropriate safety glasses, goggles or full-face shield.

### Skin and body protection

Long sleeve cotton shirt and cotton pants are recommended. Wear appropriate gloves.

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| <b>SECTION 9.0</b> | <b>PHYSICAL AND CHEMICAL PROPERTIES</b> |
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|   |                      |
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| <b>Appearance</b>                               | Amber colored liquid |
| <b>Odor</b>                                     | Little or no odor    |
| <b>Odor threshold</b>                           | No data available    |
| <b>pH</b>                                       | No data available    |
| <b>Melting point/freezing point</b>             | 30°F                 |
| <b>Initial boiling point @760 mmHg</b>          | 550°F                |
| <b>Flash point</b>                              | 400°F minimum        |
| <b>Evaporation rate (Ethyl Ether = 1)</b>       | <1                   |
| <b>Flammability (solid, gas)</b>                | Not applicable       |
| <b>Percent volatile (% by volume)</b>           | Not applicable       |
| <b>Upper/Lower explosive (flammable) limits</b> | No data available    |
| <b>Vapor pressure</b>                           | 0.1 mmHg @ 100° F    |
| <b>Vapor density (Air =1)</b>                   | Not applicable       |
| <b>Relative density</b>                         | No data available    |
| <b>Solubility in water</b>                      | Nil                  |
| <b>Partition coefficient n-octanol/water</b>    | ≥5.7                 |
| <b>Auto-ignition temperature</b>                | No data available    |
| <b>Decomposition temperature</b>                | No data available    |
| <b>Specific gravity (H<sub>2</sub>O = 1)</b>    | 0.93                 |

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| <b>SECTION 10.0</b> | <b>STABILITY AND REACTIVITY</b> |
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**Stability**

Stable

**Conditions contributing to instability**

None

**Incompatibility (material to avoid)**

May react with strong oxidizers

**Hazardous decomposition products**

Normal combustion forms carbon dioxide and water vapor and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

**Hazardous polymerization**

Will not occur.

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| <b>SECTION 11.0</b> | <b>TOXICOLOGICAL INFORMATION</b> |
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**Acute studies**

Low order of acute oral or dermal toxicity.

**Health Effects**

Possible mild eye and skin irritant.

**Carcinogenicity**

ACGIH, NTP, OSHA and IARC carcinogen lists were checked for those components with CAS Registry Numbers (64741-96-4).

**ACGIH:**

This product is not listed as carcinogenic.

**IARC**

This product is not listed as carcinogenic.

**NTP**

This product is not listed as carcinogenic.

**OSHA**

This product is not listed as carcinogenic.

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| <b>SECTION 12.0</b> | <b>ECOLOGICAL INFORMATION</b> |
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**Ecotoxicity**

No mortality or other adverse reactions to the exposures during or after 96 hours.

**Persistence and degradability**

Direct photolysis will not contribute to a measurable degradative removal of chemical components in this category from the environment. Inherently biodegradable.

**Bioaccumulative potential**

Inherently biodegradable.

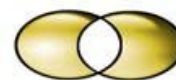
**Mobility in soil**

No data available.

**Other adverse effects**

No data available.

**Aquatic Release**



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Advise authorities if product has entered or may enter watercourses or sewer drains.

## SECTION 13.0

## DISPOSAL CONSIDERATIONS

### Waste Residues Description

This product is not a characteristic hazardous waste under RCRA. No EPA waste numbers are applicable for this product's components.

### Safe Handling Information

See Section 7 (Handling and Storage).

### Waste Disposal Method

Observe Federal, State and Local regulations covering chemical waste spills.

## SECTION 14.0

## TRANSPORT INFORMATION

### DOT

Not regulated as a hazardous material for transportation by USA DOT.

## SECTION 15.0

## REGULATORY INFORMATION

### US Federal Regulations

#### TSCA

Listed

#### CERCLA

This product is not a hazardous substance under CERCLA.

#### SARA 302/304

This product is not listed as an extremely hazardous substance in 40 CFR Part 355 and is not known to contain an extremely hazardous substance in a concentration greater than one percent by weight.

#### SARA 311/312 Hazard Categories

|                                |    |
|--------------------------------|----|
| <b>Acute Health Hazard</b>     | No |
| <b>Chronic Health Hazard:</b>  | No |
| <b>Fire Hazard:</b>            | No |
| <b>Pressure Release Hazard</b> | No |
| <b>Reactivity Hazard:</b>      | No |

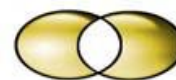
#### SARA 313

This product is not known to contain any components in concentrations above OSHA de minimus levels that are listed as toxic in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA.

#### OSHA

29 CFR 1910.1200 (Hazard Communication) required.

### Canada



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## WHIMS

Listed

### US State Regulations

Severely Solvent Refined Heavy Naphthenic Distillate appears on none of the hazardous substances lists in any state.

### California Prop 65

Not Applicable based on maximum impurity levels of components.

| SECTION 16.0 | OTHER INFORMATION |
|--------------|-------------------|
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## Abbreviations

A1 = Known Human Carcinogen; A2 = Suspected Human Carcinogen; A3 = Animal Carcinogen; A4 = Not classifiable as a human carcinogen; ACGIH = American Conference of Governmental Industrial Hygienists; ADR = European Road Transport; AICS = Australia Inventory of Chemical Substances; AIHA = American Industrial Hygiene Association; ASTM = American society of Testing and Materials; ATE = Acute Toxicity Estimation; AU = Australia; Australia AICS = Australian Inventory of Chemical Substances; Autoignition Temperature = The minimum temperature required to initiate combustion in air with no other source of ignition, BCF = Bioconcentration Factor; BEI = - Biological Exposure Indices, represent the levels of determinants which are most likely to be observed in specimens collected from a healthy worker who has been exposed to chemicals to the same extent as a worker with inhalation exposure to the TLV, BEL = Biological exposure limits; BOD = Biochemical Oxygen Demand; BTEX = Benzene, Toluene, Ethylbenzene, Xylenes; bw = body weight; bw/day = body weight/day; C = Celsius, CA = Canada, Canada DSL = Domestic Substances List; Canada NDSL = Non-Domestic Substance List; CAS = Chemical Abstracts Service; CEFIC = European Chemical Industry Council; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; CLP = Classification Packaging and Labelling Regulation (Regulation (EU) No. 1272/2008; COC = Cleveland Open Cup; CN = China; China IECSC = Inventory of Existing Chemical Substances In China; CPR= Controlled Products Regulations; CSA = Chemical Safety Assessment; CSR = Chemical Safety Report; CWA = Clean Water Act; DEA – Drug Enforcement Administration; Delisted = Substances Delisted from Report on Carcinogens; DFG = Deutsche Forschungsgemeinschaft; DIN = Deutsches Institut fur Normung; DMEL = Derived Minimal Effect Level; DNEL = Derived No Effect Level; DOT = Department of Transportation; DSL = Domestic Substances List (Canada); dw = dry weight; EC = European Commission; EC No. = European Community number; EC50 = Effective Concentration fifty; ECC = European Economic Community; ECETOC = European Center on Ecotoxicology and Toxicology Of Chemicals; ECHA = European Chemicals Agency; EC<sub>x</sub> = Effect Concentration associated with x% response; EINECS - European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EL50 = Effective Loading fifty; ENCS = Japan Existing and New Chemical Substances; EPA = Environmental Protection Agency; EPCRA = Emergency Planning and Community Right-to-Know Act of 1986 (USA); EU = European Union; EUH statement = CLP – specific Hazard statement: EWC = European Waste Code; F = Fahrenheit; Flash Point = Minimum temperature at which a liquid gives off sufficient vapors to form an ignitable mixture with air; fw = fresh water; FOSFA = The Federation of Oils, Seeds and Fats Associations; GHS = Globally Harmonized System of Classification and Labelling of Chemicals; GLP = Good Laboratory Practice; Group 1 = Carcinogenic to Humans; Group 2A = Probably Carcinogenic to Humans; Group 2B = Possibly Carcinogenic to Humans; Group 3 = Not Classifiable; HAPs = Hazardous Air Pollutants; HNO<sub>C</sub> = Hazards Not Otherwise Classified, IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; IBC = Intermediate Bulk Container; IC<sub>50</sub> = Inhibitory Concentration fifty; ICAO = International Civil Aviation Organization; ICL = In Commerce List (Canada); IDL = Ingredient Disclosure List; IDLH = Immediately Dangerous to Life and Health; IL<sub>50</sub> = Inhibitory Level fifty; IMDG = International Maritime Dangerous Goods; IMO = International Maritime Organization; INSHT = National Institute for Health and Safety at Work; INV = Chinese Chemicals Inventory; IOPC = International Oil Pollution Compensation; IP346 = Institute of Petroleum test method N° 346 for the determination of polycyclic aromatics DMSO-extractables; IUB = International Union of Biochemistry and Molecular Biology; JP – Japan; , Kow = Octanol/water partition; KECL = Korean Existing and Evaluated Chemical Substances (Korea), Known = Known carcinogen; LC<sub>50</sub> = Lethal Concentration (gases) which kills 50% of the exposed animals, LD<sub>50</sub> = :Lethal Dose (solids & liquids) which kills 50% of the exposed animals; . LL/EL/IL = Lethal Loading/Effective Loading/Inhibitory loading; LL<sub>50</sub> = Lethal Loading fifty; LEL = The lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.; LogPow = logarithm of the octanol/water partition coefficient; LOLI = List of LIsts™ - ChemADVISOR's Regulatory Database; LRT =



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Lower Respiratory Tract, MARPOL = International Convention for the Prevention of Pollution from Ships; MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978; MAK = Maximum Concentration Value in the Workplace; MEL = Maximum Exposure Limits; mg/m<sup>3</sup> = Concentration expressed in weight of substance per volume of air, mg/kg = Quantity of material, by weight, administered to a test subject, based on their body weight in kg, MEPC = Marine Environment Protection Committee; MEX = NOM-002-SCT/2003 List of Hazardous Substances and materials Most Commonly Transported; MEXICO = Mexico Occupational Exposure Limits; mw = marine water; 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; NOAEL = No Observed Adverse Effect Level; NOEC/NOEL = No Observed Effect Concentration / No Observed Effect Level; NTP = National Toxicology Program; NZ = New Zealand; NZIoC = New Zealand Inventory of Chemicals; OECD = Organization for Economic Co-operation and Development; OE-HPV = Occupational Exposure - High Production Volume; or = occasional release; OSHA = U.S. Occupational Safety and Health Administration; OSHA PEL = Occupational Safety and Health Administration Permissible Exposure Limits; PAH = Polycyclic Aromatic Hydrocarbon; PBT = Persistent, Bioaccumulative and Toxic; PEL = Permissible Exposure Limit (OSHA); PH= Philippines; PICCS = Philippines Inventory of Chemicals and Chemical Substances; ppm = Concentration expressed in parts of material per million parts of air or water, PMCC = Pensky Martin Closed Cup; PNEC = Predicted No Effect Concentration; Present = Carcinogen or potential carcinogen to be identified under OSHA's Hazard Communication Standard; RCRA = Resource Conservation and Recovery; REACH = Registration Evaluation And Authorization Of Chemicals; RID = European Rail Transport; RRN = REACH Registration Number: Reasonably Anticipated = Reason Anticipated to be a Human Carcinogen; RQ = Reportable Quantity; RTECS = Registry of Toxic Effects of Chemical Substances®; RTK = Right To Know; SARA = Superfund Amendments and Reauthorization Act; S\* = Skin notation; SEN = Sensitizer notation. May reflect risk of dermal and/or inhalation sensitization (consult ACGIH documentation); SKIN\_DES = Skin Designation; Skin notation = Potential for cutaneous absorption; STEL = Short Term Exposure Limit (15 minutes); SCBA = Self-Contained Breathing Apparatus; SDWA = Safe Drinking Water Act; STOT = Specific Target Organ Toxicity, STEL = Short Term Exposure Limit (15 minutes); STOT = Specific Target Organ Toxicity; STV = Short Term Value (same as STEL); TDG Transportation of Dangerous Goods (Transport Canada); TDLo, = the lowest dose to cause a symptom, TSCA = Toxic Substance Control Act; TCLo = the lowest concentration to cause a symptom; TDo, LDLo, and LDo, or TC, TCo, LCLo, and LCo, the lowest dose (or concentration) to cause lethal or toxic effects, TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value (ACGIH); TRA = Targeted Risk Assessment; TSCA = Toxic Substances Control Act ; TWA = Time Weighted Average (8 hours); Under Consideration = Under Consideration by the National Toxicology Program; UEL = The highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.; UN = United Nations; URT = Upper Respiratory Track, US = United States; UVCB = Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials (UVCB Substance) on the TSCA Inventory vPvB = very Persistent and very Bioaccumulative; WHMIS = Worker Hazardous Materials Information System (Canada)

## Disclaimer

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