



LABORATORIES

Issue Date 07-Feb-2009

Revision Date 16-Mar-2016

Version 2

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name United 930 FUEL MATE

Other means of identification

SDS# UNITED 930

Recommended use of the chemical

And restrictions on use

Recommended use Fuel Conditioner with Anti-Fungal/Anti-Bacteria Additives

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Company Name

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency telephone number

Emergency Telephone 800-323-2594 (to reorder)
INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable Liquid	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity, repeated exposure	Category 2
Skin Sensitization	Category 1
Aspiration hazard	Category 1
Carcinogenicity	Category 2

Label elements

Emergency Overview

Danger

Hazard statements

Causes skin irritation. Causes serious eye damage. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure. May cause an allergic skin reaction. Suspected of causing cancer. Combustible liquid.



Appearance Clear red liquid

Physical state Liquid

Odor Petroleum scent

Prevention

Wear protective gloves/protective clothing/eye and face protection. Wash thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray.

Response

If swallowed: Rinse mouth. Do not induce vomiting. If on skin: Take off immediately all contaminated clothing. Rinse skin with water (or shower). If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

Store in dry place. Store in a closed container. Store in a well-ventilated place. Keep cool.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Distillates (Petroleum), hydrotreated naphthenic	64742-52-5	70-80	*
Kerosene	8008-20-6	15-25	*
4-(2-Nitrobutyl) morpholine	2224-44-4	<2	*
Naphthalene	91-20-3	0.1-0.5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Skin Contact

Immediately was exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention if irritation occurs.

Eye contact

In case of contact with eyes, rinse immediately with copious amounts of water. Get medical attention if irritation occurs.

Inhalation

In inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion

If swallowed, do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water spray, foam, dry chemical and Carbon Dioxide (CO2).

Unsuitable extinguishing media Straight streams of water.

Specific hazards arising from the chemical

None known.

Protective equipment and precautions for firefighters

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewer, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials.

Hazardous Combustion Products

Smoke, fume, oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental precautions

Environmental precautions

Prevent leakage or spillage if safe to do so. Large spills, dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment and cleaning up

Pick up and transfer to properly labeled containers for disposal. Residual liquid can be absorbed on inert material and dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Keep containers closed. Avoid contact with skin, eyes or clothing. Wash hands after handling. Empty container may retain residue which may exhibit hazards of product. Do not attempt to clean empty containers since residue is difficult to remove.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Protect against physical damage. Store in cool, dry, well ventilated location. Store away from incompatible materials.

Incompatible materials

Strong acids, strong oxidizers or halogens.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV-TWA	OSHA PEL	NIOSH IDLH
Distillates (petroleum), hydrotreated naphthenic	5mg/m ³	-	-
Kerosene	200 ppm	-	-
Naphthalene	10 ppm	-	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Controls Showers; Eye wash stations. Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Wear safety glasses with side shields (or goggles) and a face shield.
- Skin and body protection** Wear impervious gloves to prevent contact with the skin. Wear long sleeves when contact is likely to occur. Wear protective gear as needed – apron, suit, boots.
- Respiratory protection** If exposure limits area exceeded or irritation is experienced, wear a NIOSH/MSHA approved (or equivalent) full-face piece airline respirator in the positive pressure mode with emergency escape provisions.
- Other protective equipment** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

General Hygiene Do not eat, drink or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance Clear Red Liquid
Color Clear Red
Odor Petroleum scent

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	0.855	
Percent volatile	No information available.	
Viscosity (40°C)cSt	9.5	
Melting point/freezing point	No Information available.	
Flash point	182°F (93°C)	
Boiling point and Boiling range	400°F (204°C)	
Evaporation rate	<1 (Ether=1)	
Flammability (solid, gas)	No information available.	
Upper flammability limit:	No information available.	
Lower flammability limit:	No information available.	
Vapor pressure	No information available.	

Vapor density	No information available.
Relative density	No information available.
Water solubility	No information available.
Partition coefficient	No information available.
Auto-ignition temperature	489°F (253°C) estimated.
Decomposition temperature	No information available.
VOC (weight %)	20-30% estimated.

10. STABILITY AND REACTIVITY

Reactivity
No information available.

Chemical stability
Material is stable at normal conditions.

Possibility of Hazardous Reactions
Hazardous polymerization does not occur.

Conditions to avoid
Avoid heat, sparks, open flames and other ignition sources.

Hazardous Decomposition Products
During combustion carbon monoxide may be formed. Material does not decompose at ambient temperatures.

Incompatible materials
Strong acids, strong oxidizers or halogens.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause damage to organs through prolonged or repeated exposure.
Eye contact	May cause serious eye damage.
Skin Contact	May cause an allergic skin reaction, with prolonged exposure.
Ingestion	May be fatal if swallowed and enters airways.

Information on toxicological effects

Acute toxicity	May be fatal if swallowed and enters airways.
Skin/Eye irritation	Causes allergic skin reaction.
Sensitization	No information available.
Germ cell mutagenicity	No information available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA
Reproductive toxicity	No information available.
STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Chronic effects	May cause damage to organs through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated packaging Do not reuse empty container.

14. TRANSPORT INFORMATION

Notes: Non-Bulk (<119 gallons) may ship as non-regulated under (49CFR173.150 (f)).

DOT

UN/ID No.	UN1993
Proper shipping name	Flammable liquids, n.o.s. (contains Kerosene)
Transport hazard class(es)	3
Packing group	III

IATA

Not Regulated

IMDG

Not Regulated

Environmental Class No.
Marine Pollutant

15. REGULATORY INFORMATION

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-Yes
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List-No

*A Yes indicates that all components of this product comply with the inventory requirements administered by the governing county(s). A No indicates that one or more components of the product are no listed or exempt from listing on the inventory administered by the governing country(s).

US Federal Regulations

Superfund Amendments and Reauthorization Act of 1986

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Delayed hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

SARA 313 (TRI reporting)

This material contains no chemicals subject to the supplier notification requirements.

CERCLA

This material, as supplied, does not contain a substance regulated as a hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US State Regulations

California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

16. OTHER INFORMATION

<u>NFPA</u>	Health hazards 1	Flammability 1	Reactivity 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 1	Flammability 1	Reactivity 0	Personal protection B

Issue Date 07-Feb-2009
 Revision Date 16-Mar-2016
 Revision Note
 No Information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet