

Safety Data Sheet

According to OSHA HCS 2012 (29 CFR 1910.1200)

Section 1: Identification

Product Name: Opti-Mizer *Max*
Intended Use: Fuel Stabilizer/Conditioner
Uses Advised Against: All others
Emergency Health and Safety Number: Chemtrec: 800-424-9300 (24 Hours)
Customer Service: 1-800-332-5851
SDS Information:

Section 2: Hazard(s) Identification

GHS INFORMATION

Classification: Carcinogenicity, Category 2
Reproductive Toxicity, Category 2
Specific Target Organ Toxicity (Repeated Exposure), Category 2
Aspiration Hazard, Category 1

LABEL ELEMENTS

Hazard Pictogram(s):



Signal Word: Danger

Hazard Statements: Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

Precautionary Statements

Prevention: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe mist, vapours or spray.
Wear protective gloves, protective clothing and eye protection.

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Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 IF exposed or concerned: Get medical attention.
 Get medical attention if you feel unwell.
 Do NOT induce vomiting.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with applicable regional, national and local laws and regulations.

Hazards Not Otherwise Classified: Not applicable.

Ingredients with Unknown Toxicity: 30% of this product mixture consists of ingredients of unknown acute toxicity.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910 1200).

Section 3: Composition/Information on Ingredients

Hazardous Ingredients	Common name Synonyms	CAS No.	% wt.
Distillates (petroleum), hydrotreated heavy paraffinic	Not available	64742-54-7	65-85
Distillates (petroleum) hydrotreated light	Not available	64742-47-8	7 - 13
Methylated copolymer	Not available	Proprietary	3 - 7
Paraffins (petroleum), normal C5—20	Not available	64771-72-8	1 - 5
Benzene, dimethyl-	Xylene	1330-20-7	1 - 5
Naphtha (petroleum) hydrotreated heavy	Not available	64742-48-5	1 - 5
Solvent naphtha petroleum, heavy arom.	Not available	64742-94-5	0.1 - 1
Benzene, ethyl-	Ethylbenzene	100-41-4	0.1 - 1
Benzene, methyl-	Toluene	108-88-3	0.1 - 1

Actual concentration range(s) withheld as a trade secret.

Section 4: First Aid Measures

Inhalation: If inhaled: Call a poison center or doctor if you feel unwell.

Acute and delayed symptoms and effects: May cause respiratory irritation. Sign/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.

Eye Contact: If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.

Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may redness, swelling, pain, tearing and blurred and hazy vision.

Skin Contact: If on skin: Wash with plenty of water. Call poison centre or if you feel unwell.

Acute and delayed symptoms and effects: May cause skin irritation. Sign/symptoms may include localised redness, swelling and itching.

Ingestion: If swallowed: Do NOT induce vomiting. Immediately call a poison center or doctor. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Never give anything by mouth to an unconscious person.

Acute and delayed symptoms and effects: May be fatal is swallowed and enters airways. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

General advise: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Notes to Physician: Symptoms may not appear immediately.

Section 5: Fire-Fighting Measures

FLAMMABILITY AND EXPLOSION INFORMATION

Not flammable or combustible by OSHA criteria. Material will burn if involved in a fire.

Sensitivity to Mechanical Impact: This material is not sensitive to mechanical impact.

Sensitivity to Static Discharge: This material is sensitive to static discharge at temperatures at or above the flash point.

MEANS OF EXTINCTION

Suitable Extinguishing Media: Small Fire: Dry chemical, CO2, water spray or regular foam.
Large Fire: Water spray, fog or regular foam. Move containers from fire area if you can do it without risk.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: Oxides of carbon.

Protection of Firefighters: Fire may produce irritating, corrosive and/or toxic gases. Run-off from fire control or dilution water may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6: Accidental Release Measures

Emergency Procedures:	Keep unauthorised personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Personal Precautions:	Do not touch or walk through spilled material. Use personal protection recommended in Section 8.
Environmental Precautions:	Keep out of drains, sewers, ditches and waterways.
Methods of containment:	Stop leak if without risk. Do not flush to sewer or allow to enter waterways.
Methods of Clean-up:	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Other information:	See Section 13 for disposal considerations.

Section 7: Handling and Storage

Handling:

Do not swallow. Do not breathe mist, vapors, or spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. See Section 8 for information on Personal Protective Equipment.

Storage:

Store locked up. Store away from incompatible materials. See Section 10 for information on incompatible Materials. Keep out of reach of children.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Component

Distillates (petroleum), hydrotreated heavy paraffinic (CAS No. 64742-54-7)

ACGIH: 100 ppm (TWA); (1987) For Stoddard solvent

OSHA: 500 ppm (TWA), 2900mg/m³ (TWA); For Stoddard solvent.
100 ppm (TWA) (Vacated); For Stoddard solvent

Distillates (petroleum), hydrotreated light (CAS No. 64742-47-8)

ACGIH: 100 ppm (TWA); (1987); For Stoddard solvent

OSHA: 500 ppm (TWA); 2900 mg/m³ (TWA) For Stoddard solvent.
100 ppm (TWA) (Vacated); For Stoddard solvent.

Methylated copolymer (CAS No. Proprietary)

ACGIH: No TLV established.

OSHA: No PEL established.

Paraffins (Petroleum), normal C5-20 (CAS No. 64771-72-8)

ACGIH: No TLV established

OSHA: No PEL established

Xylene (CAS No. 1330-20-7)

ACGIH: 20 ppm (TWA); OTO; A4; BEI (2021)

OSHA: 100 ppm (TWA), 435 mg/m³ (TWA);

150 ppm (STEL) (Vacated)

Naphtha (petroleum), hydrotreated heavy (CAS No. 64742-48-9)

ACGIH: 100 ppm (TWA); (1987) For Stoddard solvent

OSHA: 100 ppm (TWA), 400 mg/m³ (TWA); For Petroleum distillates (Naphtha).

Solvent naphtha (petroleum), heavy arom. (CAS) No. 64742-94-5)

ACGIH: 100ppm (TWA); (1987); For Stoddard solvent

OSHA: 100 ppm (TWA); 400 mg/m³ (TWA); For Petroleum distillates (Naphtha).

Ethylbenzene (CAS No. 100-41-4)

ACGIH: 20 ppm (TWA); OTO; A3; BEI (2021)

OSHA: 100 ppm (TWA), 435 mg/m³ (TWA);

125 ppm (STEL) (Vacated)

Toluene (CAS No. 108-88-3)

ACGIH: 20 ppm (TWA); OTO: A4; BEI (2020)

OSAH: 200 ppm (TWA); 300 ppm (C); 500 ppm (Peak) (Maximum duration: 10 minutes.)

100 ppm (TWA); 150 ppm (STEL) (Vacated);

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

TWA: Time-Weighted Average

STEL: Short-Term Exposure Limit

C: Ceiling

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT (PPE)



Eye/Face Protection: Wear safety glasses. Use equipment for eye protection that meets standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

Hand Protection: Wear protective gloves. Consult manufacturer specifications for further information.

Skin and Body Protection: Wear protective clothing.

Respiratory Protection: If engineering controls and ventilation are not sufficient to control exposure to below limits then an appropriate NIOSH/MSHA approved air-purifying respirator, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

General Hygiene Considerations:

Handle according to established industrial hygiene and safety practices.
Consult a competent industrial hygienist to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.

Section 9: Physical and Chemical Properties

Appearance: Green

Physical Form: Liquid

Odor: Petroleum

Odor threshold: No data

pH: N/A

Vapor Density (air=1): >1

Upper Explosive Limits: No data

Lower Explosive Limits: No data

Evaporation Rate: No data

Particle Size: N/A

Percent Volatile: Negligible

Flammability (solid,gas): N/A

Solubility in Water:

Flash Point: 200 °F / 93.3 °C

Test Method: Pensky-Martens Closed Cup ASTM D93

Initial Boiling Point: No data

Vapor pressure: Not available

Partition Coefficient (n-octanol/water((Kow): No data

Melting /Freezing Point: N/A

Auto-ignition Temperature: No data

Decomposition Temperature: No data

Specific Gravity:

Bulk Density:

Viscosity:

Pour Point

Section 10: Stability and Reactivity

Reactivity: Contact with incompatible materials. Sources of ignition. Exposure to heat.

Chemical stability: Stable under normal storage storage conditions.

Possibility of hazardous reactions: None known.

Conditions to avoid: Extended with incompatible materials. Source of ignition. Exposure to heat.

Incompatible materials: Strong acids. Strong oxidizers.

Hazardous decomposition products: Not available.

Section 11: Toxicological Information

EFFECTS OF ACUTE EXPOSURE

Product Toxicity

Oral: Not available.

Dermal: Not available.

Inhalation: Not available.

Component Toxicity

Component	CAS No.	LD ₅₀ oral	LD ₅₀ dermal	LC ₅₀
Distillates (petroleum), hydrotreated heavy Paraffinic	64742-54-7	>15000 mg/kg rat	> 5000 mg/kg rabbit	Not available
Distillates (petroleum), Hydro treated light	64742-47-8	Not available.	Not available.	Not available.
Methylated copolymer Paraffins (petroleum), Normal C5-20	Proprietary	Not available.	Not available.	Not available.
Xylene	1330-20-7	4300 mg/kg (rat)	>1700 mg/kg (rabbit)	5000 ppm(rat); 4H
Naphtha (petroleum) Hydro treated heavy	74742-48-9	Not available.	Not available.	Not available.
Solvent naphtha (petroleum), heavy arom.	64742-94-5	5 ml/kg	>2ml/kg	>590 mg/m ³ (rat); 4 H
Ethylbenzene	100-41-4	3500 mg/kg (rat)	17800ul/kg (rabbit)	Not available.
Toluene	108-88-3	2600 mg/kg (rat)	14.1 mL/kg (rabbit)	49000 mg/m ³ (rat) 4 H

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion. Skin absorption.

Target Organs: Skin. Eyes. Gastrointestinal tract. Respiratory system. Central nervous system.

Symptoms (including delayed and immediate effects)

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and through pain.

Eye: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing and blurred or hazy vision.

Skin: May cause skin irritation. Signs/symptoms may include localised redness, swelling, and itching.

Ingestion: May be fatal if swallowed and enters airways. May cause gastrointestinal irritation. Sign/symptoms may include abdominal pain, stomach upset, nausea, vomiting, and diarrhea.

Skin sensitisation: Not available.

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Respiratory Sensitization: Not available.

Medical Conditions Not available.

Aggravated by Exposure:

EFFECTS OF CHRONIC EXPOSURE (from short and long-term exposure)

Target Organs: Skin, Eyes, Gastrointestinal tract. Respiratory system. Blood. Liver. Kidneys. Central nervous system.

Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation, Reports of chronic poisoning with Toluene, Ethylbenzene or Xylene describe anaemia, decreased blood cell count and bone marrow hypoplasia. Liver and kidney damage may occur. Repeated exposure of the eyes to high concentrations of Xylenes vapor may cause reversible eye damage. Chronic inhalation exposure to xylene causes mid-frequency hearing loss in laboratory animals. Xylene reacts synergistically with n-hexane to enhance hearing loss.

Carcinogenicity: May cause cancer.

Component Carcinogenicity:

Component	ACGIH	IARC	NTP	OSHA	Prop 65
Xylene	A4	Group 3.	Not listed	Not Listed	Not listed
Ethylbenzene	A3	Group 2B.	Not listed	OSHA Carcinogen.	Listed
Toluene	A4	Group 3	Not listed	Not listed	Not listed

Mutagenicity: Not available.

Reproductive Effects: Suspected of damaging fertility or the unborn child.

Developmental Effects

Teratogenicity: Not available.

Embryotoxicity: Possible risk of harm to the unborn child. Exposure to Xylene has produced fetotoxic effect in animal studies. Exposure to Toluene may effect the developing fetus.

Toxicologically Synergistic Materials:

Xylene reacts synergistically with n-Hexane to enhance hearing loss.

Section 12: Ecological Information

Ecotoxicity: Not available.

Persistence/Degradability: Not available.

Bioaccumulation/Accumulation: Not available.

Mobility in Environment: Not available.

Other adverse effects: Not available.

Section 13: Disposal Considerations

Disposal Instructions: Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Section 14: Transport Information

U.S. Department of Transportation (DOT)

Proper Shipping name: Not regulated.

Class: Not applicable.

UN Number: Not applicable.

Packing Group: Not applicable.

Placard(s): Not applicable.

Section 15: Regulatory Information

Chemical Inventories

US (TSCA)

The components of this product are in compliance with the chemical notification requirements of TSCA.

Federal Regulations

United States

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III

Component	Section 302 (EHS) TPQ. (lbs)	Section 304. EHS RQ. (lbs)	CERCLA RQ (lbs.).	Section 313.	RCRA. CAA CODE. 112(r) TQ (lbs)
Xylene	Not listed.	Not listed.	100	313	U239. Not listed.
Ethylbenzene	Not listed.	Not listed.	1000	313	Not listed. Not listed.
Toluene	Not listed.	Not listed.	1000.	313.	U220. Not listed.

State Regulations

Massachusetts

US Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

Component	CAS No.	RTK List
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	Listed
Distillates (Petroleum) hydrotreated light	64742-47-8	Listed
Xylene	1330-20-7	Listed
Naphtha (petroleum), hydrotreated heavy	64742-48-9	Listed
Solvent naphtha (petroleum), heavy arom.	64742-94-5	Listed
Ethylbenzene	100-41-4	Listed
Toluene	108-88-3	Listed

New Jersey

US New Jersey Worker Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

Component	CAS No.	RTK List
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	Listed
Distillates (Petroleum) hydrotreated light	64742-47-8	Listed
Xylene	1330-20-7	SHHS
Ethylbenzene	100-41-4	SHHS
Toluene	108-88-3	SHHS

Note: SHHS = Special Health Hazard Substance

Pennsylvania

US Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

Component	CAS No.	RTK List
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	Listed
Distillates (Petroleum) hydrotreated light	64742-47-8	Listed
Xylene	1330-20-7	E
Naphtha (petroleum), hydrotreated heavy	64742-48-9	Listed
Solvent naphtha (petroleum), heavy arom.	64742-94-5	Listed
Ethylbenzene	100-41-4	E
Toluene	108-88-3	E

Note: E = Environmental Hazard

California

California Prop 65:



WARNING This product can expose you to chemicals including Benzene, Ethylbenzene, Hexane, Naphthalene and Toluene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16: Other Information

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.