



OptiShield Foam KO

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: OptiShield Foam KO
Common Name: Defoamer
SDS Number: 129985-SDS
Product Code: 129985
Revision Date: 8/13/2025
Version: 1
Product Use: Use only as directed
Instructions: Professional Use Only
Supplier Details: EXTRACTION ZONE
PO Box 262
Strasburg, CO 80136
Contact: Customer Service
Phone: 720.374.2375
Web: www.extractionzone.com
Emergency: Infotrac 1-800-535-5053 (North America) 1-352-323-3500 (International)

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
None, None, None

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

H000 - None

GHS Precautionary Statements:

P260 - Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264 - Wash skin thoroughly after handling.

P280 - Wear protective gloves/ eye protection/ face protection.

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/ attention.

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
*****	<10.0%	Proprietary

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

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact: Promptly flush skin with water until all chemical is removed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, removing contacts, if present, and lifting



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Ingestion: eyelids occasionally to facilitate irrigation. Seek medical attention if irritation persists
Rinse mouth with water. Do not induce vomiting. Seek immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: >100 C / 212 F
Flash Point Method: TCC
Use water spray, fog, carbon dioxide (CO2), foam or dry chemical

6 ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Ventilate area and wash spill site after material pickup is complete.

Pick up excess with inert absorbant material and place into separate waste container. Watch out for slippery conditions when spillage.

7 HANDLING AND STORAGE

Handling Precautions: Use personal protective equipment. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.
Storage Requirements: Keep in a cool ventilated area. Keep container tightly closed. Keep out of reach of children

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment: HMIS PP, B | Safety Glasses, Gloves

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky White Liquid		
Physical State:	Liquid	Odor:	Neutral
Odor Threshold:	No data available	Solubility:	No data available
Spec Grav./Density:	1.009 +/- .005		
Viscosity:	No data available		
Boiling Point:	No data available	Freezing/Melting Pt.:	No data available
		Flash Point:	No data available
Partition Coefficient:	No data available		
Vapor Pressure:	No data available	Vapor Density:	No data available
pH:	7 +/- 1	VOC:	Negligible
Evap. Rate:	No data available	Auto-Ignition Temp:	No data available
Decomp Temp:	No data available	UFL / LFL:	No data available

10 STABILITY AND REACTIVITY

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Reactivity:	None under normal processing
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Avoid temperature extremes and direct sunlight
Materials to Avoid:	Not known
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Not Known

11 TOXICOLOGICAL INFORMATION

Methanol cas#:(67-56-1) [<1.0%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LDLO Oral - Human - 143 mg/kg Remarks: Lungs, Thorax, or Respiration:Dyspnea. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

LD50 Oral - rat - 1,187 - 2,769 mg/kg

Inhalation LC50 LC50 Inhalation - rat - 4 h - 128.2 mg/l

LC50 Inhalation - rat - 6 h - 87.6 mg/l

Dermal LD50 LD50 Dermal - rabbit - 17,100 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: Skin - rabbit - No skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation

Respiratory or skin sensitisation: Maximisation Test - guinea pig - OECD Test Guideline 406 - Does not cause skin sensitisation.

Germ cell mutagenicity: Genotoxicity in vitro - Ames test - S. typhimurium - with and without metabolic activation - negative Genotoxicity in vitro - in vitro assay - fibroblast - negative Mutation in mammalian somatic cells.

Genotoxicity in vivo - mouse - male and female - Intraperitoneal - negative

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Fertility classification not possible from current data.

Teratogenicity: Damage to fetus not classifiable

Specific target organ toxicity - single exposure (Globally Harmonized System):
Causes damage to organs.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard: No aspiration toxicity classification

Potential health effects: Inhalation Toxic if inhaled. May cause respiratory tract irritation. Ingestion Toxic if swallowed. Skin Toxic if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include:, Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures. Symptoms may be delayed., Damage of the:, Liver, Kidney



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Synergistic effects: no data available

Additional Information:

RTECS: PC1400000

12 ECOLOGICAL INFORMATION

Methanol cas#:(67-56-1) [$<1.0\%$]

Information on ecological effects

Toxicity:

Toxicity to fish mortality LC50 - Lepomis macrochirus (Bluegill) - 15,400.0 mg/l - 96 h.

NOEC - Oryzias latipes - 7,900 mg/l - 200 h

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - $> 10,000.00$ mg/l - 48 h.
and other aquatic invertebrates

Toxicity to algae Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 22,000.0 mg/l -:
96 h

Persistence and degradability: Biodegradability aerobic Result: 72 % - rapidly biodegradable

Bioaccumulative potential: Bioaccumulation Cyprinus carpio (Carp) - 72 d at 20 °C Bioconcentration factor (BCF): 1.0

Mobility in soil: Will not adsorb on soil.

PBT and vPvB assessment: Results of PBT This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This assessment substance is not considered to be very persistent nor very bioaccumulating (vPvB).

Other adverse effects: Biochemical Oxygen 600 - 1,120 mg/g Demand (BOD)

Chemical Oxygen 1,420 mg/g Demand (COD)

Additional ecological Avoid release to the environment. information

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

14 TRANSPORT INFORMATION

Cleaning Compound Liquid, Not Regulated

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

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[<10.0%] Proprietary (*****) TSCA

[<1.0%] RQ(5000LBS), Methanol (67-56-1) CERCLA, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL



WARNING

This product can expose you to chemicals including Formaldehyde (gas), which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

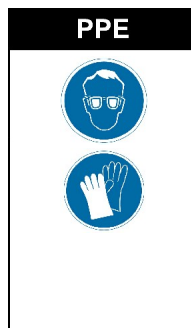
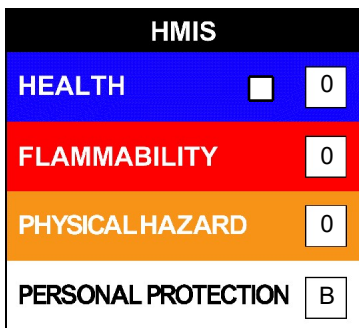
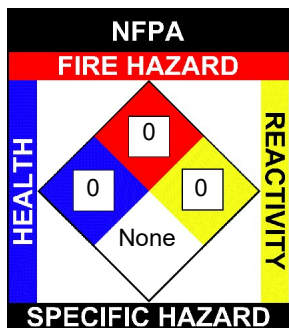
Regulatory Code Legend

RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
CERCLA = Superfund clean up substance
GADSL = Global Automotive Declarable Substance List (GADSL)
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

NFPA: Health = 0, Fire = 0, Reactivity = 0, Specific Hazard = None
HMIS III: Health = 0, Fire = 0, Physical Hazard = 0
HMIS PPE: B - Safety Glasses, Gloves



The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guide 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 other process, unless specified in the text.

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