

SAFETY DATA SHEET

ISK BIOCIDES, INC.

SECTION 1: Identification

Product identifier: Antifoam
Other means of identification: Defoamer
SDS number: ISK003
Recommended use: Prevent foam in diluted lumber anti-sapstain treatment solutions and coatings products.
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor information:
Company name: ISK Biocides, Inc.
Address: 416 East Brooks Road,
Memphis.
TN 38109.
Telephone: Office hours (Mon – Fri)
7:00 – 4:30pm (Central time).
(901) 344-5350 or (800) 248-7961.
Contact Person: Anthony Accampo or Gail Watson
E-mail: SDSInquiry@iskbiocides.com
Emergency phone number: Chemtrec (800) 424-9300 (24hours).

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Physical hazards

No physical hazards for this product.

Health hazards

No Health hazards for this product.

Environmental hazards

No environmental hazards for this product.

Signal word: None Required.

Hazard statement(s): None required for this product.

Hazard symbol(s): None required for this product.

Precautionary statement(s):

Prevention: None required for this product.

Response: None required for this product.

Storage: None required for this product.

Disposal: None required for this product.

**Hazard(s) not otherwise
Classified (HNOC):** None known.

Percentage of ingredient(s) of unknown acute toxicity:
Not applicable for this product.

SECTION 3: Composition/information on ingredients

Mixture: Mix of non-hazardous Antifoam Emulsion in water.

Chemical name	Concentration (weight %)	CAS#
No Hazardous ingredients		

SECTION 4: First-aid Measures

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or physician for further treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or physician for treatment advice.

Eye contact: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or physician for treatment advice.

Ingestion: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or physician. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: High concentrations or prolonged contact may result in stinging, redness, and tearing of the eyes. Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Inhalation of mist may cause irritation to respiratory passage. May cause skin irritation or rash on prolonged or repeated contact. An allergic skin response may develop in a limited number of people.

Indication of immediate medical attention and special treatment needed: If any symptoms described above are noted, contact a physician and give them this SDS sheet.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Not combustible. Use suitable extinguishing media to fight surrounding fire.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: May produce a floating fire.

Hazardous combustion products may include: Carbon dioxide and carbon monoxide.

Special protective equipment and precautions for fire-fighters: Prevent human exposure to fire, fumes, smoke and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing. Do not use a direct stream of water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wash thoroughly after handling. Do not get in eyes, on skin, or clothing. Do not swallow.

Methods and materials for containment and cleaning up:

SMALL SPILL: Wear appropriate protective clothing (see Section 7). Recover free liquid. Absorb remainder with sand or clay and place in a waste receptacle.

LARGE SPILL: Wear appropriate protective clothing (see Section 7). Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Pump liquid to a recovery vessel. Absorb remainder of material with sand or clay and place in a properly labeled waste receptacle. Follow all local, state, and federal regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes, or other bodies of water.

SECTION 7: Handling and Storage

Precautions for safe handling: Observe good personal hygiene practices. Change protective gloves/clothing when signs of contamination appear. Keep out of reach of children. Do not allow to freeze.

Conditions for safe storage, including any incompatibles: Store in a secure, well-ventilated area protected from extreme temperatures. Do not transfer to an unmarked container. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

Control Parameters:

Occupational exposure limits:

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Permissible Exposure Limits		
Substance	PEL-TWA (8 hour)	PEL-STEL (15 min)
Antifoam	None available	None available

ACGIH Threshold Limit Values		
Substance	TLV-TWA (8 hour)	TLV-STEL (15 min)
Antifoam	None available	None available

Other Exposure Limits: None available.

Appropriate engineering controls: None normally required, use local exhaust if necessary. Good industrial hygiene practice dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear chemical splash goggles and/or face shield during mixing and when exposed to mist.

Skin and Hand protection: Wear rubber gloves when handling, using, or applying this product. Special precautions should be taken to ensure that material cannot get inside gloves.

Respiratory protection: None normally required if good ventilation is maintained. If mist is generated during application process, use an appropriate mist respirator.

Other: None normally required. Use as necessary to prevent exposure. Safety showers and eyewash stations should be provided in all areas in which this product is stored and/or handled. Persons exposed routinely to this material should shower prior to leaving work each day. Work clothing should be changed daily.

Thermal hazards: None known.

SECTION 9: Physical and chemical properties

Appearance:

Physical state: Liquid.
Form: Pale White Liquid.
Color: White / translucent.

Odor: Mild.

Odor threshold: Not available.

pH: 6.5 – 7.5

Melting point/freezing point: Not known.

Initial Boiling point/Boiling Range: 212 °F

Flash point: Not applicable. Will not flash.

Evaporation rate: <1 (nBuAC=1)

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits

Flammability limit – lower: Not available.

Flammability limit – upper: Not available.

Explosive limit – lower: Not available.

Explosive limit – upper: Not available.

Vapor pressure: 17 mm Hg.

Vapor density: 0.6 (air = 1)

Relative density (Specific gravity): 1.00

Solubilities (water, other): Dispersible in water.

Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: Not known.
Decomposition temperature: Not available.
Viscosity: 12.5 seconds #2 Zahn cup @70°F (approx. 4 cPs)
Other information:
Bulk density: 8.33 lbs per gal.
VOC (Weight %): Not available.

SECTION 10: Stability and Reactivity

Reactivity: Stable.
Chemical stability: Stable.
Possibility of hazardous reactions: Material is not known to polymerize.
Conditions to avoid: None known.
Incompatible materials: Strong oxidizing agents. Inorganic acids. Inorganic bases.
Hazardous decomposition Products: Carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation: Inhalation of mist may cause irritation to respiratory passage.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
Skin: May cause skin irritation or rash on prolonged or repeated contact.
An allergic skin response may develop in a limited number of people.
Eye: High concentrations or prolonged contact may result in stinging, redness, and tearing of eyes.

Symptoms related to the physical, chemical, and toxicological characteristics: None known.

Delayed and immediate effects and chronic effects from short or long-term exposure: None known.

Acute toxicity:

Product data:

Ingredient Information:

Substance	Test Type (species)	Value
Antifoam emulsion	LD ₅₀ Oral (Rat)	None known
	LD ₅₀ Dermal (Rabbit)	None known
	LC ₅₀ Inhalation, Vapor (Rat)	None known

Product Acute Toxicity Estimates:

Oral: LD₅₀ Greater than 10000 mg/kg.
Dermal: LD₅₀ Greater than 10,000 mg/kg.
Inhalation: Not available.

Skin corrosion/irritation:	Based upon information available on the known components, the product is not anticipated to cause skin corrosion or irritation.
Serious eye damage/eye irritation:	Based upon information available on the known components, the product is not anticipated to cause eye damage or irritation.
Respiratory sensitization:	Based upon information available on the known components, the product is not anticipated to cause respiratory sensitization.
Skin sensitization:	Based upon information available on the known components, the product is not anticipated to cause skin sensitization.
Germ cell mutagenicity:	Based upon information available on the known components, the product is not anticipated to be a mutagen.
Carcinogenicity:	Based upon information available on the known components, the product is not anticipated to be a carcinogen.
Reproductive toxicity:	Based upon information available on the known components, the product is not anticipated to cause reproductive toxicity.
Specific target organ toxicity- Single exposure:	Based upon information available on the known components, the product is not anticipated to cause specific target organ toxicity after single exposure.
Specific target organ toxicity- Repeat exposure:	Based upon information available on the known components, the product is not anticipated to cause specific target organ toxicity after repeated or prolonged exposure.
Aspiration hazard:	Based upon information available on the known components, the product is not anticipated to be an aspiration hazard.
Further information:	Not available.

SECTION 12: Ecological information

Ecotoxicity:

Product data: Not known.

Ingredient Information:

Substance	Test Type	Species	Value
Antifoam emulsion	LC ₅₀	Fish	None available
	EC ₅₀	Invertebrate	None available
	LC ₅₀	Algae	None available

Persistence and degradability: Not available.
Bioaccumulative potential: Not available.
Mobility in soil: Not available.
Mobility in general: Not available.
Other adverse effects: None expected.

SECTION 13: Disposal considerations

Disposal instructions:

Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility in accordance with all Federal, State, and local regulations.

SECTION 14: Transport Information

DOT: Not regulated under DOT.
IATA: Not regulated under IATA.
IMDG: Not regulated under IMDG.

Special precautions during transport: Not available.

Bill of lading classification = defoaming compound, n.o.i. - NMFC 50140 sub 2.

SECTION 15: Regulatory Information

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is not hazardous under OSHA.

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – None of the chemicals are EPCRA hazards.

CERCLA/Superfund, 40 CFR 117, 302: Not listed.

Antifoam
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CHEMICAL	C.A.S. Number	Weight %	Section 311/312
Antifoam emulsion	na	< 100%	Not listed

Section 313 – List of Toxic Chemicals (40CFR 372): This product does not contain the chemicals (at level of 1% or greater) found on the 313 list of Toxic Chemicals.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311): This product does not contain listed chemicals.

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65: Chemicals in this product are not on the list.

INTERNATIONAL REGULATIONS:

Canadian Regulations Not classified as hazardous under WHMIS.

Canadian Controlled Products Regulations (WHMIS): This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations*.

SECTION 16: Other Information

Revision Date: August 12, 2014

The information in this Safety Data Sheet is provided in good faith and 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 and is not to be considered a warranty or quality specification. User is responsible to evaluate all available information when using product for any particular use, including, if necessary, conducting any tests needed to determine the suitability of the product for a particular use. User is also responsible for compliance with all Federal, State, Provincial and Local laws and regulations. ISK Biocides, Inc. assumes no responsibility for injury, damage or loss resulting from the use of the material. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, INCLUDING THAT THE INFORMATION OR PRODUCT MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.