

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **Furfuryl Methyl Sulfide, Natural**
 Product Number: **0316000**
 Recommended Use: Flavorings

Manufacturer: Aurochemicals
 7 Nicoll Street
 Washingtonville, NY 10992 – USA
 845-496-6065
 845-496-6248 Fax

Emergency Telephone No.: 1-800-535-5053
 (International 1-352-323-3500 collect)

Section 2: HAZARD(s) IDENTIFICATION

OSHA Hazards Irritant
 GHS Classification Combustible liquid H227
 Skin irritation (Category 2) H315
 Eye Irritation (Category 2A) H319
 Specific target organ toxicity-single exposure (Category 3),
 Respiratory System, H335

GHS Label elements, including precautionary
 statements
 Pictogram



Signal Word: Warning
 Hazard Statement:

H227 Combustible liquid
 H315 Causes skin irritation
 H319 Causes serious eye irritation
 H335 May cause respiratory irritation

Precautionary Statement

P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 P264 Wash skin thoroughly after handling
 P271 Use only outdoors or in a well ventilated area
 P280 Wear protective gloves/eye protection/face protection
 P302+P352 IF ON SKIN: Wash with plenty of soap and water
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a
 position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses if present and easy to do. Continue rinsing.
 P312 Call POISON CENTER or doctor/physician if you feel unwell.
 P321 Specific treatment (see supplemental first aid instructions on this
 label).
 P332+P313 If skin irritation occurs: Get medical advice/attention
 P337+P313 If eye irritation persists: Get medical advice/attention
 P362 Take off contaminated clothing and wash before reuse

P403+P233 Store in a well ventilated place. Keep container tightly closed
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up
 P501 Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC) or not covered by GHS - **STENCH**

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substances	Compound
Chemical Name	Furfuryl methyl sulfide
Common Name:	
Synonyms:	2-[(Methylthio)methyl]furan
CAS #:	1438-91-1
EC#:	215-874-0
Molecular Weight	128.19 g/mol
Molecular Formula	C ₆ H ₈ OS

Hazardous according to OSHA Criteria.

Component	Classification	Concentration
2-[(Methylthio)methyl]furan	Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H227, H315, H319, H335	95-100%

Section 4: FIRST AID MEASURES

General Advise:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Contact with eyes:	Rinse thoroughly with plenty of water for at least 15 minutes and seek medical advice.
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with plenty of mild soap and warm water. Consult a physician.
Inhalation:	Provide fresh air, Consult a physician.
Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water, seek medical advice, show this container or label to attending physician.
Clothing contamination:	Wash contaminated clothing before re-use.

Section 5: FIREFIGHTING MEASURES

Conditions of Flammability	Combustible liquid.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters	Wear self contained breathing apparatus for firefighting if necessary.
Other Information	Hazardous decomposition products formed under fire conditions – Carbon oxides, sulfur oxides

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid dust formation. Avoid breathing dust. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental-protected measures	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Procedures for cleaning / absorption	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Ventilate area	After sweep up, wash area and ventilate area well

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Provide adequate ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Contains no substances with occupational exposure limit values.
Personal Protective Equipment:	<p>These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario.</p> <p>Complete suit protecting against chemicals should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.</p>
Respiratory Protection:	Where risk assessment shows respirators are appropriate the respirator should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. Use respirators and components tested and approved under appropriate government standards such as NIOSH.
Eye Protection:	Wear appropriate face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Hand Protection:	Wear chemically resistant Nitrile rubber gloves and wash and dry hands after handling this product.

Industrial Hygiene:

Avoid contact with skin, eyes, and clothing. Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash hands after working with product

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless or pal yellow to pale brown liquid
Odor:	No data available
Boiling Point:	64-65°C at 19hPa
Flashpoint:	63°C Closed cup
Melting Point	N/A
Ignition temperature	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	No data available
Specific Gravity @ 25°C:	1.082-1.092
Solubility	Insoluble in water, soluble in most organic solvents, miscible in ethanol

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	No data available
Conditions to avoid	Heat, flame and sparks
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions-Carbon oxides, sulphur oxides

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	No data available
LC50 Inhalation	No data available
LD50 Dermal	No data available
Further toxicological information	No data available
Skin corrosion / irritation	No data available
Serious eye damage / eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

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 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	No data available
Specific target organ toxicity-Single Exposure (GHS)	Inhalation – May cause respiratory irritation
Specific target organ toxicity-Repeated Exposure (GHS)	Respiratory system
Aspiration hazard	No data available
Synergistic effects	No data available
RTECS	Not available
Additional information:	Nausea, Headache, Vomiting To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Other adverse effects	No data available

Section 13: DISPOSAL CONSIDERATIONS

Product:	According to local regulations
Packaging:	According to local regulations

Section 14: TRANSPORT INFORMATION

DOT (US)	UN 3334 Class 9 Packing Group III
Proper shipping name	Aviation regulated liquid, n.o.s. (2-[(Methylthio)methyl]furan)
Reportable Quantity (RQ)	No
Marine Pollutant	No
Poison inhalation hazard	No

IMDG	Not a dangerous good
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IATA	UN 3334 Class 9 Packing Group III
Proper shipping name	Aviation regulated solid, n.o.s. (2-[(Methylthio)methyl]furan)

Section 15: REGULATORY INFORMATION

OSHA Hazards	Irritant
REACH No.	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	Fire Hazard, Acute Health hazard

Safety Data Sheet

Massachusetts Right to Know Components	No components are subject to the Massachusetts Right to Know Act		
Pennsylvania Right to Know Components	2-[(Methylthio)methyl]furan	CAS # 1438-91-1	Rev. Date:
New Jersey Right to Know Components	2-[(Methylthio)methyl]furan	CAS # 1438-91-1	Rev. Date:
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm		

Section 16: OTHER INFORMATION

Aurochemicals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

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