

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0


## Section 1: IDENTIFICATION

Product Name: **Methyl (2-methyl-3-furyl) Disulfide, Natural**  
 Product Number: **0357300**  
 CAS-No. 65505-17-1  
 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	Toxic Liquid	
GHS Classification	Combustible Liquids (Category 4) Acute toxicity, Oral (Category 3)	
Pictogram or written description		
Signal Word:	Danger	
Hazard Statement:	H227 H301	Combustible Liquid Toxic if swallowed
Precautionary Statement	P210 P264 P270 P280 P301+P310 P321  P330 P370+P378  P403+P235 P405 P501	Keep away from heat/sparks/open flames/hot surfaces-No smoking Wash skin thoroughly after handling Do not eat, drink or smoke when using this product Wear protective gloves/protective clothing/eye protection/face protection IF SWALLOWED: Immediately call a POISON CENTER or physician. Specific treatment (see supplemental first aid instructions on this label). Rinse mouth In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction Store in well ventilated place. Keep cool Store locked up Dispose of contents/container to an approved waste disposal plant



## Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate personnel to safe areas. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Environmental-protected measures	Prevent further leakage or spillage if safe to do so. Do not allow to enter drains or sewage system.
Procedures for cleaning / absorption	Take up with liquid absorbent material. Place in appropriate container and keep closed until disposal.
Ventilate area	After clean up, wash spill area and ventilate the area well.

## Section 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition-No smoking. Take measures to prevent the buildup of electrostatic charge.
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:	<b>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.</b>
Body Protection:	Complete suite protecting against chemicals, made of flame retardant antistatic material 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.
Ventilation Controls	Provide adequate general and local exhaust ventilation when working with this product.
Respiratory Protection:	Where risk assessment shows air-purifying respirators are appropriate, use a full face respirator with multi-purpose combination respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator.
Eye Protection:	Wear appropriate tightly fitting safety goggles. Face shield (8-inch minimum) NIOSH tested and approved.
Hand Protection:	Wear chemically resistant gloves of Nitrile rubber, use proper glove removal technique to avoid skin contact with this product. Wash and Dry hands.
Industrial Hygiene:	Handle in accordance with good industrial hygiene and safety practice. Change contaminated clothing and wash before reuse. Wash hands after working with product.

Application of barrier cream is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Pale yellow liquid
Odor:	Sulfurous, roast meat odor
Boiling Point:	210oC (410oF)-lit
Flashpoint:	84.4oC (183.9oF)-closed cup
Melting Point	No data available
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:	1.163 g/cm <sup>3</sup>
Solubility:	Insoluble in water; soluble in organic solvents and oils

## Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	No data available
Conditions to avoid	Heat, Flames and Sparks.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products:	Fumes formed under fire conditions – carbon oxides; sulfide oxides.
Further information	No data available

## Section 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

LD50, Oral mouse 142 mg/kg

LC50 Inhalation	No data available
LD50 Dermal	No data available
Other information on acute toxicity	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 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	No data available
Teratogenicity	No data available
Specific target organ toxicity-single exposure (GHS)	No data available
Specific target organ toxicity-repeated exposures (GHS)	No data available
Aspiration Hazards	No data available
Potential Health Effects	
	Inhalation May cause irritation to the respiratory system
	Skin Defats the skin
	Eyes Irritating to eyes
	Ingestion Harmful if swallowed
Signs and Symptoms of Exposure	Nausea, Headache, Vomiting
Synergistic effects	No data available
RTECS:	JO1975000

## Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB assessment	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

<b>DOT (US)</b>	UN 2810 Class 6.1 Packing Group III
Proper shipping name	Toxic, liquids, organic, n.o.s. (2-Methyl-3(methyldithio)furan)
Reportable Quantity (RQ)	No
Marine pollutant	No
Poison Inhalation Hazard	No
<b>IMDG</b>	UN 2810 Class 6.1 Packing Group III EMS-No.: F-A, S-A
Proper shipping name	TOXIC, LIQUIDS, ORGANIC, N.O.S. (2-methyl-3(methyldithio)furan)
Marine pollutant	No
<b>IATA</b>	UN 2810 Class 6.1 Packing Group III
Proper shipping name	Toxic, liquids, organic, n.o.s. (2-Methyl-3(methyldithio)furan)

## Section 15: REGULATORY INFORMATION

# Safety Data Sheet

OSHA Hazards	Toxic Liquid
SARA 302 Components	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
Massachusetts Right to Know components	No component are subject to the Massachusetts Right to Know Act
Pennsylvania Right to Know components	2-Methyl-3-(methyldithio)furan      CAS-No. 65505-17-1      Rev. Date:
New Jersey Right to Know components	2-Methyl-3-(methyldithio)furan      CAS-No. 65505-17-1      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.
Risk Phrases	R-25      Toxic if swallowed R-36/38      Irritating to eyes, respiratory system and skin
Safety Phrases	S-26      In case of contact with eyes, rinse immediately with water and seek medical advice S-46      In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) S-6/37/39      Wear suitable protective clothing, gloves and eye/face protection

## Section 16: OTHER INFORMATION

### HMIS Classification

Health Hazard	2
Chronic Health Hazard*	
Flammability	2
Physical Hazards	0

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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