

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **Mesifuran 20% in PG, Natural**
 Product Number: **0366400**
 CAS-No.: **4077-47-8 / 57-55-6**

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	None
GHS Classification	None
GHS Label elements, including precautionary statements	None

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	2,5 dimethyl 4-methoxy-3[2h]-furanone / Propylene glycol
Common Name:	Mesifuran 20% PG Natural
Synonyms:	4-Methoxy-2,5-dimethyl-3(2H)furanone
CAS #	4077-47-8/57-55-6
EC#	223-797-9/200-338-0
Molecular Formula	C ₇ H ₁₀ O ₃

Hazardous Components

Component	Classification	Concentration
Propane-1,2-diol		80%

Section 4: FIRST AID MEASURES

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.
Inhalation:	Provide fresh air, Consult a physician
Ingestion:	Do NOT induce vomiting. Drink plenty of water. 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	Not flammable or combustible
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	Contain escaping vapors with water. Prevent fire-fighting water from entering surface water or groundwater. Keep away from sources of ignition.
Special risks	Hazardous decomposition products formed under fire conditions – Carbon oxides

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear personal protection. Avoid breathing vapors, mist or gas. Ensure supply of fresh air or adequate ventilation in enclosed rooms. 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	Take precautionary measures against static discharges. Keep away from sources of ignition. When using this product, do not eat or drink.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place, away from sources of ignition. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters			Components with workplace control parameters	
Component	CAS-No.	Value	Control Parameters	Basis
Propane-1,2-diol	57-55-6	TWA	10 mg/m ³	USA Workplace Environmental Exposure Levels (WEEL)

Personal Protective Equipment:	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.
Body Protection:	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
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 to pale yellow
Odor:	Sweet, burnt sugar odor
Boiling Point:	187oC
Flashpoint:	103oC
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:	1.040-1.060
Solubility	Partly soluble in water; soluble in most organic solvents

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	No data available
Conditions to avoid	Heating
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions-Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

This product is a mixture and has not been tested for health hazards. The health hazard information presented below is provided in accordance with 29CFR 1910.1200 and is based on the testing of individual component which have been shown to cause the following health effects when tested at higher concentrations or at full strength.

Acute Toxicity

LD50, Oral Rat-	No data available
LC50 Inhalation Rat	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
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Specific target organ toxicity-Single Exposure (GHS)	No data available
Specific target organ toxicity-Repeated Exposure (GHS)	No data available
Aspiration hazard	No data available
Potential health effects	No data available
Synergistic effects	No data available
Signs and Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Further toxicological information	May be harmful if inhaled, swallowed, or if absorbed through the skin
RTECS	Not available

Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Other adverse effects	Do not allow to enter water, drain or soil

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

DOT (US)	Not subject to transport regulations
IMDG	Not subject to transport regulations
IATA	Not subject to transport regulations

Section 15: REGULATORY INFORMATION

OSHA Hazards	None
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	No SARA Hazards
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
Massachusetts Right to Know Components	No components are subject to the Massachusetts Right To Know Act
Pennsylvania Right to Know Components	Propane-1,2-diol CAS No 57-55-6 Rev. Date: 8/11/89
New Jersey Right to Know Components	Propane-1,2-diol CAS No 57-55-6 Rev. Date: 8/11/89

Safety Data Sheet

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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