Section 1: IDENTIFICATION

Product Name: 2-Acetyl Furan (2-Furyl Methyl Ketone), Natural
Product Number; 0316300
Recommended Use: Flavorings
Manufacturer: Aurochemicals
7 Nicoll Street,
Washingtonville, NY 10992 USA
Emergency Telephone No.: 1-800-535-5053

Section 2: HAZARD(S) IDENTIFICATION

OSHA Hazards Toxic by inhalation, Highly toxic by ingestion, Toxic by skin absorption, Irritant
GHS Classification Acute Toxicity, Oral (Category 2)
Acute Toxicity, Inhalation (Category 4)
Acute Toxicity, Dermal (Category 3)
Serious eye damage (Category 1)

GHS Label elements, including precautionary statements
Pictogram

Signal Word: Danger
Hazard Statement (s) H300 Fatal if swallowed
H311 Toxic in contact with skin
H318 Causes serious eye damage
H332 Harmful if inhaled
Precautionary statement (s) P264 Wash hands thoroughly after handling
P280 Wear protective gloves/eye protection/face protection
P301+ IF SWALLOWED: Immediately call POISON CENTER or Contact a physician
P305+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
P338 Continue rinsing
P312 Call a POISON CENTER or doctor/physician if you feel unwell

HMIS Classification
Health Hazard 3
Flammability 0
Physical Hazards 0

Potential Health Effects
Inhalation Toxic if inhaled. Causes respiratory tract irritation
Skin Toxic if absorbed through skin. Causes skin irritation
Eyes Causes eye irritation
Ingestion May be fatal if swallowed
Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component: 2-Furyl methyl ketone
Common Name: 2 Acetyl Furan
Synonyms: 2 Furyl Methyl Ketone
CAS #: 1192-62-7
EC#: 214-757-1
Molecular Formula: C₆H₆O₂
Molecular Weight: 110.11 g/mol

Section 4: FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Contact with eyes: Rinse thoroughly with cool water for 15 minutes and seek medical attention
Contact with skin: Remove contaminated clothing, Rinse skin with cool water then wash with mild soap and warm water. Take victim immediately to hospital, consult a physician
Inhalation: Provide Fresh Air, consult a physician
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
Clothing: Wash clothing and shoes 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.
Hazardous combustion products: Hazardous decomposition products formed under fire conditions- Carbon oxides.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas/ Avoid breathing dust.
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains
Absorb spills: Take up with absorbents and dispose in closed container
Ventilate area: After sweep up, wash down affected area

Section 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed
Conditions for safe storage: Keep container tightly closed in a dry and well ventilated place. Recommended storage temperature is 2-8°C
Handle and store under inert gas.
Air and moisture sensitive.
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection 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.

Mechanical Exhaust Required When transferring products

NIOSH/OSHA-Chemical Approved respirator Required when vapors are generated

Chemical Safety Goggles Wear eye and face protection

Do not get on skin or on clothing Wear complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Chemical Resistant Gloves When working with this product; wash hands after handling.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid to liquid
Color: Yellow solid to reddish liquid
Odor: Balsamic, Sweet
Boiling Point: 173°C
Flashpoint: 160°F
Melting Point range: 26-28°C (79-82°F)-lit
Specific Gravity @25°C: 1.103-1.114
Vapor Pressure: No data available
Vapor Density: No data available
Lower Explosion Limit: No data available
Upper Explosion Limit: No data available
Solubility in Water: Insoluble

Section 10: STABILITY AND REACTIVITY

Chemical Stability Stable under recommended storage conditions
Possible Hazardous Reaction No data available
Conditions to avoid No data available
Materials to avoid Strong oxidizing agents, Strong bases, Strong reducing agents
Hazardous decomposition products Formed under fire conditions – Carbon oxides

Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral, Rat 33 mg/kg
LD50, Dermal, Rabbit 500-2,000 mg/m3
LD50, Inhalation, Rat 1.130 g/m3 4h

Remarks: Behavioral: Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration: Dyspnea. Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

Other information on acute toxicity No data available
Skin corrosion/irritation Skin-Rabbit-No skin irritation
Serious eye damage/eye irritation
Eyes-Rabbit-Severe eye irritation
Respiratory or skin sensitization
No data available
Germ cell mutagenicity
Genotoxicity in vitro-Hamster-ovary  Cytogenetic analysis
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 components of this product present at levels greater than or equal to 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 Exposure (GHS)
No data available
Aspiration hazard
No data available
Potential Health Effects
Inhalation Toxic if inhaled. Causes respiratory tract irritation.
Ingestion May be fatal if swallowed.
Skin Toxic if absorbed through skin. Causes skin irritation
Eyes Causes eye irritation

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
DOT (US) UN 2811  6.1 Packing Group II
Proper shipping name Toxic solids, organic n.o.s (2-Furyl methyl Ketone)
Reportable Quantity (RQ)
Marine Pollutant No
Poison Inhalation Hazard No
IMDG UN 2811  6.1 Packing Group II
Proper shipping name TOXIC SOLIDS, ORGANIC N.O.S (2-Furyl methyl Ketone) EMS-No. F-A, S-A
Marine Pollutant No
IATA UN 2811  6.1 Packing Group II
Proper shipping name Toxic solids, organic n.o.s (2-Furyl methyl Ketone)
### Section 15  REGULATORY INFORMATION

**OSHA Hazards:** Toxic by inhalation. Highly toxic by ingestion, Toxic by skin absorption, Irritant

**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**
- Acute health hazard
- Massachusetts Right to Know components
- No components are subject to the Massachusetts Right to Know Act
- Pennsylvania Right to Know components
- 2-Furyl methyl Ketone   CAS# 1192-62-7   Rev. Date:
- New Jersey Right to Know components
- 2-Furyl methyl Ketone   CAS# 1192-62-7   Rev. Date:
- S- Phrases:
- 28 After contact with skin, wash with plenty of water
- California Prop. 65 Components:
- This product does not contain any chemicals known to the 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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