

HEALTH 3
REACTIVITY 0
FLAMMABILITY 0

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

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| 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 |
| | P310 | Contact a physician |
| | P305+ | IF IN EYES: Rinse cautiously with water for several minutes. |
| | P351+ | 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

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| 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

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| 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 | C ₆ H ₆ O ₂ |
| Molecular Weight | 110.11 g/mol |

Section 4: FIRST AID MEASURES

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| 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

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| 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

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| 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

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| 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

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| 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

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| Form: | Solid to liquid |
| Color: | Yellow solid to reddish liquid |
| Odor: | Balsamic, Sweet |
| Boiling Point: | 67°C |
| Flashpoint: | 71°C |
| Melting Point range: | 26-29°C |
| Specific Gravity @25°C: | 1.102-1.115 |
| 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

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| 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

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| LD50, Oral, Rat | 33 mg/kg |
| LD50, Dermal, Rabbit | 500-2,000 mg/m ³ |
| LD50, Inhalation, Rat | 1.130 ,g/m ³ 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 |

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| 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

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|-------------------------------|-------------------|
| 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

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

Section 14: TRANSPORT INFORMATION

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| 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) |

Safety Data Sheet

Section 15 REGULATORY INFORMATION

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| 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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| Issued by: | Contact Person: |
| Aurochemicals | Deo N. Persaud |
| 7 Nicoll Street | Revised Date: 8/3/2022 |
| Washingtonville, NY 10992 USA | |