

1. Product and Company Identification

Product Code: 220R98
Product Name: RY4 Asian Flavor
Company Name: Perfumer's Apprentice
170 Technology Circle
Scotts Valley, CA 95066
Phone Number: (831)316-7137
Web site address: Perfumersapprentice.com
Emergency Contact: Chem-Tel Phone (800)255-3924
01 (813)248-0585
Information: Contract #: MIS6760377

2. Hazards Identification

GHS Signal Word: None
GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: No phrases apply.
GHS Storage and Disposal Phrases: No phrases apply.
Potential Health Effects (Acute and Chronic):
Inhalation: May be harmful if inhaled.
Skin Contact: Causes skin irritation.
Eye Contact: Causes eye irritation.
Ingestion: May be harmful if swallowed.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|---|---------------|
| 57-55-6 | Propylene glycol | 90.0 -99.0 % |
| 28664-35-9 | 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one | 1.0 -5.0 % |
| 98-00-0 | Furfuryl alcohol | < 1.0 % |

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If inhaled, remove to fresh air.
In Case of Skin Contact: Wash with plenty of soap and water.
In Case of Eye Contact: Immediately flush eyes with plenty of water for at least {15} minutes, occasionally lifting the upper and lower eyelids.
In Case of Ingestion: Clean mouth with water and drink plenty of water.

5. Fire Fighting Measures

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| Flash Pt: | > 200.00 F |
| Explosive Limits: | LEL: No data. UEL: No data. |
| Autoignition Pt: | No data. |
| Suitable Extinguishing Media: | Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. |
| Fire Fighting Instructions: | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. |
| Flammable Properties and Hazards: | No data available. |
| Hazardous Combustion Products: | No data available. |

6. Accidental Release Measures

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| Protective Precautions, Protective Equipment and Emergency Procedures: | Ensure adequate ventilation. |
| Steps To Be Taken In Case Material Is Released Or Spilled: | Dike to collect large liquid spills. |

7. Handling and Storage

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| Precautions To Be Taken in Handling: | Handle in accordance with good industrial hygiene and safety practice. |
| Precautions To Be Taken in Storing: | Keep container tightly closed in a dry and well-ventilated place. |

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|---|-------------|-----------------------------|--------------|
| 57-55-6 | Propylene glycol | No data. | No data. | No data. |
| 28664-35-9 | 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one | No data. | No data. | No data. |
| 98-00-0 | Furfuryl alcohol | PEL: 50 ppm | TLV: 10 ppm STEL: 15 ppm | No data. |

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| Respiratory Equipment (Specify Type): | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| Eye Protection: | Safety glasses |
| Protective Gloves: | Wear appropriate gloves to prevent skin exposure. |
| Other Protective Clothing: | Wear suitable protective clothing. |
| Engineering Controls (Ventilation etc.): | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |
| Work/Hygienic/Maintenance Practices: | Handle in accordance with good industrial hygiene and safety practice. |

9. Physical and Chemical Properties

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|---|--|---------------|
| Physical States: | [] Gas [X] Liquid [] Solid | |
| Appearance and Odor: | Pale Yellow Liquid Creamy, Roasted, Sweet | |
| pH: | No data. | |
| Melting Point: | No data. | |
| Boiling Point: | No data. | |
| Flash Pt: | > 200.00 F | |
| Evaporation Rate: | No data. | |
| Flammability (solid, gas): | No data available. | |
| Explosive Limits: | LEL: No data. | UEL: No data. |
| Vapor Pressure (vs. Air or mm Hg): | No data. | |
| Vapor Density (vs. Air = 1): | No data. | |
| Specific Gravity (Water = 1): | 1.044 | at 25.0 C |
| Solubility in Water: | No data. | |
| Octanol/Water Partition Coefficient: | No data. | |
| Autoignition Pt: | No data. | |
| Decomposition Temperature: | No data. | |
| Viscosity: | No data. | |

10. Stability and Reactivity

| | | |
|---|--------------------|----------------------|
| Stability: | Unstable [] | Stable [X] |
| Conditions To Avoid - Instability: | No data available. | |
| Incompatibility - Materials To Avoid: | No data available. | |
| Hazardous Decomposition or Byproducts: | No data available. | |
| Possibility of Hazardous Reactions: | Will occur [] | Will not occur [X] |
| Conditions To Avoid - Hazardous Reactions: | No data available. | |

11. Toxicological Information

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| Toxicological Information: | This mixture has not been subjected to toxicological testing but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and consequently treated with all possible precaution. |
| Chronic Toxicological Effects: | Suspected of causing cancer. |
| Carcinogenicity: | NTP? No IARC Monographs? No OSHA Regulated? No |

12. Ecological Information

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| General Ecological Information: | This mixture as a whole has not been subjected to ecotoxicological testing. In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards, and treated in consequence with all possible precaution. |
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13. Disposal Considerations

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| Waste Disposal Method: | This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements. |
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14. Transport Information

GHS Classification: No GHS classifications apply.

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not Regulated.

UN Number:

Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|---|--------------|-----------|--------------|
| 57-55-6 | Propylene glycol | No | No | No |
| 28664-35-9 | 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one | No | No | No |
| 98-00-0 | Furfuryl alcohol | No | No | No |

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|---|-----------------------------|
| 57-55-6 | Propylene glycol | CA PROP.65: No |
| 28664-35-9 | 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one | CA PROP.65: No |
| 98-00-0 | Furfuryl alcohol | CA PROP.65: No |

| CAS # | Hazardous Components (Chemical Name) | International Regulatory Lists |
|------------|---|--------------------------------|
| 57-55-6 | Propylene glycol | REACH: Yes - (R), (P) |
| 28664-35-9 | 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one | REACH: Yes - (P) |
| 98-00-0 | Furfuryl alcohol | REACH: Yes - (R), (P) |

16. Other Information

Revision Date: 05/21/2014

Additional Information About This Product: This product contains no added diacetyl as an ingredient. However, because diacetyl can occur in small amounts as an artifact of the production process in other ingredients, "No Added Diacetyl" products may not be "Diacetyl Free", as trace amounts may be present.

Company Policy or Disclaimer: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process, unless specified in the text.