

MATERIAL SAFETY DATA SHEET

(According to Directive 91/155/EEC)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME: Tutti Fruity Flavour
SUPPLIER: Fresholi
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2. COMPOSITION / INFORMATION ON INGREDIENTS

INCI NAME: Aroma

DEFINITION/BOTANICAL ORIGIN: A blend of permitted Nature Identical, Artificial & Natural Substances & Flavouring preparations in propylene glycol.

CAS NO: -

EINECS NO: -

IFRA: Not restricted

STATUS: Artificial

INGREDIENTS DECLARATION: Flavouring

APPLICATION: Food Products

3. HAZARDS IDENTIFICATION

Flammable. Concentrated product. Do not ingest. Observe good housekeeping procedures.

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4. FIRST AID MEASURES

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| <u>INHALATION:</u> | Remove from exposure site to fresh air. Keep at rest. Obtain medical attention. |
| <u>SKIN CONTACT:</u> | Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice. |
| <u>EYE CONTACT:</u> | Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist. |
| <u>INGESTION:</u> | Rinse mouth out with water. Seek medical advice immediately . |
| <u>OTHER:</u> | When assessing action take Risk & Safety Phrases into account (Section 15). |

5. FIRE FIGHTING MEASURES

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| <u>EXTINGUISHING MEDIA:</u> | Use CO2, Dry Powder or Foam Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material. |
| <u>SPECIAL MEASURES:</u> | Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. |
| <u>EXTINGUISHING PROCEDURES:</u> | Closed containers may build up pressure when exposed to heat and should be cooled with water spray. |

6. ACCIDENTAL RELEASE MEASURES

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| <u>PERSONAL PRECAUTIONS:</u> | Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. |
| <u>ENVIRONMENTAL PRECAUTIONS:</u> | Keep away from drains, soils, surface & groundwaters. |
| <u>METHODS OF CLEANING/DISPOSAL:</u> | Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Dispose of in accordance with current international, national and local regulations. |

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7. HANDLING AND STORAGE

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| <u>HANDLING:</u> | Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. |
| <u>STORAGE:</u> | Store in tightly sealed original containers in a cool, dry, well-ventilated place away from heat sources & protected from light. Keep air contact to a minimum. |
| <u>FIRE PROTECTION:</u> | Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area. |

Observe Good Manufacturing Practices.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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| <u>RESPIRATORY PROTECTION:</u> | Avoid breathing product vapour. Apply local ventilation where possible. |
| <u>HAND PROTECTION:</u> | Avoid all skin contact. Use chemically resistant gloves. |
| <u>EYE PROTECTION:</u> | Use safety glasses. |
| <u>VENTILATION:</u> | Ensure good ventilation of working area. |
| <u>WORK/HYGIENE PRACTICES:</u> | Wash hands with soap & water after handling. |

9. PHYSICAL DATA AND CHEMICAL PROPERTIES

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| <u>FORM :</u> | Clear Mobile liquid (glycol base). |
| <u>COLOUR :</u> | Colourless. |
| <u>ODOUR :</u> | Characteristic of fruit. |
| <u>FLASH POINT :</u> | <21 °C |
| <u>SPECIFIC GRAVITY @ 20°C:</u> | 0.940 – 0.998 |
| <u>REFRACTIVE INDEX @ 20°C:</u> | 1.400 – 1.440 |

10. STABILITY AND REACTIVITY

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| <u>REACTIVITY:</u> | It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents. |
| <u>DECOMPOSITION:</u> | Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed. |

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| 11. TOXICOLOGICAL INFORMATION |
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No specific toxicological testing has been carried out on this preparation. All ingredients in this preparation have been incorporated under the controls of current legislative requirements and the guidelines issued by the International Fragrance Association (IFRA).

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| 12. ECOLOGICAL INFORMATION |
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RELEASE TO ATMOSPHERE: To be avoided.

RELEASE TO SURFACE WATER: To be avoided.

RELEASE TO NATURAL ENVIRONMENT: To be avoided.

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| 13. DISPOSAL CONSIDERATIONS |
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Disposal should be in accordance with current international, national and local regulations. Avoid disposing into drainage systems and into the environment.

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| 14. TRANSPORT INFORMATION |
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UN 1993: Applies

ROAD (ADR/RID): Class 3

AIR (IATA): Class 3 Packing group II

SEA (IMDG): page 3142

CHIP: See Section 15

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| 15. REGULATORY INFORMATION (EEC Directives) |
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HAZARDS: Highly Flammable Liquid

SYMBOLS: -

RISK PHRASES: R11. Highly Flammable liquid

SAFETY PHRASES: S16. Keep away from sources of ignition – No Smoking

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16. OTHER INFORMATION

Cosmetic Directive – 7th Amendment – Not restricted.

Packaging:

Type suitability:

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| Glass | Yes |
| Lacquer lined steel/tin | Yes |
| Aluminium | Yes |
| HPPE | No |
| F/HDPE | Yes |
| Other plastic | No |

Shelf life

When stored within advised conditions, re-test at 6 monthly intervals up to a maximum shelf life of 36 months.

Q.C. Requirements

In-line with general product specification. Always satisfy suitability for specific application.

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