

## SAFETY DATA SHEET

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- a. Product name : UNIFILMA Liquid TEH  
Product code : H100324
- b. Information on manufacturer/supplier/distributor  
Company name : Chiba Flour Milling Co., Ltd.  
Address : 17 Shinminato, Mihama-ku, Chiba, Japan  
Phone number : +81-43-241-0111  
Emergency phone : +81-43-241-0111  
number  
E-mail address : kikaku@chiba-seifun.co.jp
- c. Recommended use of the chemical and restrictions on use  
: Additive
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### SECTION 2: Hazards identification

- a. GHS Classification (The guidance of GHS classification (Mar. 2015, Japan) for industries is used.)  
: Not a hazardous substance or mixture.
- b. Label elements : Not a hazardous substance or mixture.
- c. Other hazards : Designated flammable goods  
(Fire and Disaster Management Act. Article 9 paragraph 4 in JAPAN)
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### SECTION 3: Composition/information on ingredients

Chemical substance or Mixture : Mixture

Hazardous components

Remarks : No hazardous ingredients

Composition :

Substance name	CAS No.	Ratio(%)
Dextrin Isostearate	116580-54-2	75
Glyceryl tris(2-ethylhexanoate)	7360-38-5	25

This mixture has a range of composition within  $\pm 2\%$ .

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### SECTION 4: First aid measures

- a. Description of first aid measures
- Protection of first-aiders : No special precautions are necessary for first aid responders.
- If inhaled : If inhaled, remove to fresh air.

- Get medical attention if symptoms occur.
- If case of skin contact : Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.
- If case of eye contact : Flush eyes with water as a precaution.  
Get medical attention if irritation develops and persists.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.
- b. Most important symptoms and effects, both acute and delayed  
Risks : None known.
- c. Indication of any immediate medical attention and special treatment needed  
Treatment : Treat symptomatically and supportively.
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## SECTION 5: Firefighting measures

- a. Extinguishing media  
Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Unsuitable extinguishing media : None known.
- b. Special hazards arising from the substance or mixture  
Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health.  
Hazardous combustion products : Carbon oxides
- c. Advice for firefighters  
Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.  
Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.
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## SECTION 6: Accidental release measures

- a. Personal precautions, protective equipment and emergency procedures  
Personal precautions : Follow safe handling advice and personal protective equipment recommendations.
- b. Environmental precautions  
Environmental precautions : Discharge into the environment must be avoided.  
Prevent further leakage or spillage if safe to do so.  
Prevent spreading over a wide area (e.g. by containment or oilbarriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.
- c. Methods and material for containment and cleaning up  
Methods for cleaning up : Soak up with inert absorbent material.  
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked

material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

d. Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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## SECTION 7: Handling and storage

a. Precautions for safe handling

Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation : Use only with adequate ventilation.

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.  
Take care to prevent spills, waste and minimize release to the environment.

Hygiene measures : Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke.  
Wash contaminated clothing before re-use.

b. Storage:

Technical measures : Avoid fire, sources of heat.

Requirements for storage areas and containers : Keep in properly labelled containers. Store in accordance with the particular national regulations.

Advice on common storage : Do not store with the following product types:  
Strong oxidizing agents

Recommended storage temperature : < 40 °C

Container and packaging material: Recommend to keep container unopened.

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## SECTION 8: Exposure controls/personal protection

a. Control parameters

Contains no substances with occupational exposure limit values.

b. Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Minimize workplace exposure concentrations.

Personal protective equipment:

Eye protection : Wear the following personal protective equipment:  
Safety glasses

Hand protection

Remarks : Wash hands before breaks and at the end of workday.

Skin and body protection : Skin should be washed after contact.

Respiratory protection	: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Filter type	: Organic vapour type (A)

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## SECTION 9: Physical and chemical properties

### a. Information on basic physical and chemical properties

Appearance	: viscous
Colour	: Colorless to pale yellow, light brown
Odour	: characteristic
Odour Threshold	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: 217 °C Method: Cleaveland open cup Other information: Nodata available
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Solubility(ies)	
Water solubility	: No data available
Partition coefficient : n-octanol/water	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, kinematic	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

### b. Other information

Particle size	: Not applicable
Self-ignition	: The substance or mixture is not classified as pyrophoric.

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## SECTION 10: Stability and reactivity

Product Name: UNIFILMA Liquid TEH

- a. Reactivity  
Not classified as a reactivity hazard.
  - b. Chemical stability  
Stable under normal conditions.
  - c. Possibility of hazardous reactions  
Hazardous reactions : Can react with strong oxidizing agents.
  - d. Conditions to avoid  
Conditions to avoid : None known.
  - e. Incompatible materials  
Materials to avoid : Oxidizing agents
  - f. Hazardous decomposition products  
No hazardous decomposition products are known.
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## SECTION 11: Toxicological information

Information on toxicological effects

Information on likely routes of exposure : inhalation  
Skin contact  
Ingestion  
Eye contact

- a. Acute toxicity:  
Not classified based on available information.
  - b. Skin corrosion/irritation:  
Not classified based on available information.
  - c. Serious eye damage/eye irritation:  
Not classified based on available information.
  - d. Respiratory or skin sensitisation  
Skin sensitization:  
Not classified based on available information.
  - e. Germ cell mutagenicity:  
Not classified based on available information.
  - f. Carcinogenicity:  
Not classified based on available information.
  - g. Reproductive toxicity:  
Not classified based on available information.
  - h. Specific target organ toxicity (single exposure):  
Not classified based on available information.
  - i. Specific target organ toxicity (repeated exposure):  
Not classified based on available information.
  - j. Aspiration toxicity:  
Not classified based on available information.
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## SECTION 12: Ecological information

- a. Hazards to aquatic environment- acute hazard : No data.
- b. Hazards to aquatic environment- chronic hazard : No data.

### SECTION 13: Disposal considerations

a. Waste treatment methods

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|------------------------|---|
| Product                | : Dispose of in accordance with local regulations.<br>According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.<br>Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. |
| Contaminated packaging | : Empty containers should be taken to an approved waste handling site for recycling or disposal.<br>If not otherwise specified: Dispose of as unused product.   |
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### SECTION 14: Transport information

a. UN number

Not regulated as a dangerous good

b. UN proper shipping name

Not regulated as a dangerous good

c. Transport hazard class(es)

Not regulated as a dangerous good:

d. Packing group

Not regulated as a dangerous good

e. Environmental hazards

Not regulated as a dangerous good

f. Special precautions for user

Not applicable

g. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : Not applicable for product as supplied.

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### SECTION 15: Regulatory information

Fire and Disaster Management Act. Article 9 paragraph 4 in JAPAN:

Designated combustible material (Combustible liquids: 2m<sup>3</sup>)

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### SECTION 16: Other Information

Sources of key data used to compile the Safety Data Sheet	: Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
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