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# **MATERIAL SAFETY DATA SHEET**

Total Page(s): 3

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1. **Product Name** Yamato Nori / Ecommu (Starch Paste)

Item no. Tube type: T-NO3, T-70, T-220, T-380, E·T-NO3, E·T-100

Bottle type: P-70, P-220, P-380, P-NO25, 2KG, E·P-100

Mascot type: M-55, M-160 Refill type: 4KG-J, 20KG-J

### 2. Composition / Information on Ingredients

Single product or Mixture: Mixture material

Chemical name: Main Component Starch

Chemical composition, Content percentage:

Chemical name	Content (%)	CAS No
Starch	20.0	-
Inorganic Salt	2.0	-
Organic Acid and Sodium Salt	0.3	-
Water	77.3	-
Others (Surface active agent, Preservatives)	0.4	-

UN Classification: N/A
UN No.: N/A

### 3. Hazards Identification

Name of Hazardous nature: N/A

Hazardousness: Nothing particular

4. First Aid Measure

When inhaled: No significant effect for normal use, however, in case some symptom

occurs, move to the place with fresh air.

When attached on the skin: No significant effect for normal use, however, in this case, rinse well with

plenty of water or soap water. Get treatment of a physician if the

abnormality such as skin irritant is felt.

When got into eyes: Wash away with clean water for 15 min. at least and get treatment of a

physician if necessary.

When swallowed: Clean up in the mouth well with water and vomit as best as possible and

arrange to get treatment of a physician immediately.

### 5. Fire-fighting Measures

Method of extinguishing: Use the same extinguishing method as for normal fire. Firefighting: Water, powder, carbon dioxide, and/or foam, etc.

#### 6. Accidental Release Measures

Personal precautions: Wash away with plenty of water or soup water for skin contact.

Do not touch eyes by hand with paste.

Environmental precautions: Do not wash away spilt adhesive on the floor by water to prevent its

elimination into water systems and sub surface erosion.

Removal: Wipe off with waste cloth.

## 7. Handling and Storage

-Handling

Technical measures: Nothing particular Precautions: Nothing particular

-Storage

Suitable storage condition: Avoid direct sunlight and high temperature

### 8. Exposure Controls / Personal Protection

Density control:

Acceptable concentration:

Measurement of facilities:

Not established

Not required

-Protective equipment

Respirator: Not required
Protective gloves: Not required
Safety glasses: Not required
Protective clothing: Not required

# 9. Physical and Chemical Properties

Appearance: Achromatic translucence paste type Specific gravity / Vapor pressure: 1.09 (20°C) / No data available Boiling point / Melting point: About 100°C / About -5 °C

Flash point: No data available Explosibility: No data available

Solubility: Dilute-able at the maximum

10. Stability and Reactivity

Stability: Stable at normal use Reactivity: No appreciable reactivity

Material objects to be avoided:

Others:

Nothing particular

Nothing particular

# 11. Toxicological Information

Skin irritation: None (Rat skin sensitization)
Acute toxicity: Oral (rat) LD50 > 5000mg/kg

Irritant property: Non-irritant (According to EEC standard)

Carcinogenicity: No information is available.

Mutagenicity: No information is available.

Reprotoxy: No information is available.

Others: No information is available.

# 12. Ecological Information

No data available.

## 13. Precaution in Disposal

Dispose according to the Law of disposal of waste and cleaning.

#### 14. Precaution in Transportation

Avoid direct sunlight and confirm no leaking from containers. Load the cargos steadily without fall, collapse or damage.

### 15. Regulatory Information

Fire Defense Law: N/A
Occupational Health and Safety Law: N/A

Law of Pollutant Release and Transfer Register (PRTR): N/A

Others: N/A

Please handle the product in accordance with local regulations of the Law.

### 16. Other Information

- -Require careful handling since the hazardous evaluation of this information herein is not enough.
- -The information is the best of our knowledge and is only related to this specific product. No warranty, either expressed or implied, is made with respect to such information.
- -The recommended handling procedures are believed to be generally applicable. However, it is user's responsibility to review these recommendations in the specific content of the intended use.
- -We reserve the right to revise this MSDS as new information become available without notice.