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CODE AC-HS-053	V 01	FRACTAL-U		
DATE OF ISSUE: 30-06-2020				

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	FRACTAL-U
Description of the product:	Monoglycerides, Diglycerides and Triglycerides of propionic, butyric, valeric, caproic, heptanoic, caprylic, nonanoic, capric and lauric acid and glycerol, supported on silicon dioxide.
Manufacturer:	SILO SpA Via S. Bartolo a Cintoia n° 104 50142 Firenze Phone +39 055 733 2895 Fax +39 055 78 0676 e-mail: <a href="mailto:info@silospa.com">info@silospa.com</a> Web Page: <a href="http://www.silospa.com">www.silospa.com</a>
Worldwide distributor:	Alura INC 1307 Person St. Durham, NC 27703. USA Tel: (+1) (919) 300 75 15 <a href="http://www.alura-ahn.com">www.alura-ahn.com</a>

## 2. COMPOSITION / INGREDIENTS INFORMATION

### Chemical characterization:

Monoglycerides, Diglycerides and Triglycerides of propionic, butyric, valeric, caproic, heptanoic, caprylic, nonanoic, capric and lauric acid and glycerol, supported on silicon dioxide.

## 3. DANGERS IDENTIFICATION

No specific dangers during common utilization.

## 4. EMERGENCY AND FIRST AID PROCEDURES

**In case of contact with the skin:** no damages are caused, washing is enough.


**In case of contact with the eyes:** Remove contact lenses, flush with water for at least 10-15 minutes. If symptoms persist, consult a doctor.

**In case of ingestion:** Rinse mouth with abundant water to take out the substance. Consult a doctor.

## 5. ANTI-FIRE MEASURES

**Recommended extinguishing media:** Nebulized water, foam, dry powder CO<sub>2</sub>.

**Protective measures for firemen team:** Standard fire fighting clothes and breathing apparatus.

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## 6. ACCIDENTAL DISCHARGE PROCEDURES

**Personal protection procedures:** Use glasses for eye protection. Use plastic or rubber gloves.

**Environmental precautions in case of accidental loss of product:** Collect the product with sand or absorbent material. In case the product flows into a water- course or sewer system, or in case of ground or vegetation contamination, inform the competent authorities.

## 7. HANDLING AND STORAGE PRECAUTIONS

**Storage conditions:** To store the product according to good operative rules.

**Room characteristics:** according to good operative rules.

## 8. PERSONAL PROTECTION AND EXPOSURE PROCEDURES

Use glasses for eye protection.

Use plastic or rubber gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Aspect:** Powder;

**Smell:** Characteristic;

**Explosive properties:** None;

**Density:** About 0.7 g/cm<sup>3</sup>;

**Solubility:** Not soluble in water, soluble in ethanol and ether.


## 10. STABILITY AND REACTIVITY

**Stability:** Stable in normal conditions;

**Materials to be avoided:** None;

**Dangerous decomposition products:** Not foreseen;

**Dangerous polymerisation forms:** Not foreseen.

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## 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity LD 50: > 6000 mg/Kg mouse.

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## 12. ECOLOGICAL INFORMATION

**Biodegradability:** 100% (OECD Method). It is recommended to use the product according good operative rules avoiding losses in the environment.

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## 13. CONSIDERATIONS ABOUT DISPOSAL

Recover the product according to local and national directions.

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## 14. INFORMATION ABOUT TRANSPORT

The product is classified as "non dangerous Goods" according transport directions.

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## 15. INFORMATION ABOUT REGULATIONS

The product is not subject to specific directions for human and environmental protection.

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## 16. OTHER INFORMATION

The information provided in this document is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification. The present information refers only to the described product and can be not valid in case the product is used in association with other products.

SILO S.p.A. assumes no responsibility in case of non-respect of this information, since the handling and usage of this product and the respective recommendations are up to the user and out of our control. It is the own responsibility of the consignee and the user of the products to comply with all prevailing and applicable laws, regulations and directives.