	AREA: QUALITY CONTROL	CÓDE:	D/CDC-032
		VERSIÓN:	12
	MATERIAL SAFETY DATA SHEET (MSDS) TARA GUM	DATE:	FEB.2021
		PÁGE:	1 de 4

SAFETY DATA SHEED according to 1907/2006 / CE, Article 31

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1. Identification of the substance or preparation

Denomination: TARA GUM (E-417)

1.2. Use of the substance / preparation

Thickener, stabilizer

1.3. Identification of the company

Company: MOLINOS ASOCIADOS S.A.C.
ADDRESS: Calle 02, Mz. N, Lote 4 Coop. Las Vertientes; Villa el Salvador
City/ Country: Lima – Peru
E-mail: info@masac.pe
Telephone: (511) 719 – 4720 / (511) 719 – 4721

MOLINOS ASOCIADOS S.A.C. has implemented HACCP, GMP (Good Manufacturing Practices) and FSSC ISO 22000, in order to ensure a safe and good quality product, not only in the manufacturing process but also throughout the food chain.

1.4. Emergency telephone number

MOLINOS ASOCIADOS S.A.C.: (511) 719 4721 / (511) 719 4720

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

TARA GUM (E-417) is not classified as dangerous according to EEC Directive 67/548 / EEC.

3. COMPOSITION

Composition

100% endosperm of Tara Seed

N^oCAS: 39300-88-4

EINECS N^o: 254-409-6

4. FIRST AID

Skin contact

Wash with plenty of soap and water.

Eye contact


Wash immediately with plenty of water for at least 10 minutes. Get medical attention if irritation occurs.

Ingestion

Rinse mouth with plenty of water. If ingested, get medical attention if symptoms occur.

Inhalation

PRODUCED BY: G. MEZA	DATE: FEB.2021
REVIEWED BY: J. SUAREZ	DATE: FEB.2021
APPROVED BY: H. TELGE	DATE: FEB.2021

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If inhaled, ventilate area. If breathing is difficult, leave the area to breathe fresh air. If breathing continues, seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers

Water, CO₂, foam, chemical dust, depending on material involved in the fire.

Special Fire Fighting Procedures

Evacuate the area. Use positive pressure, respirators, and special protective clothing.

Risks arising from combustion

Avoid inhaling the fumes.

6. ACCIDENTAL RELEASE MEASURES

Wear protective clothing, if the product is diluted in water, stop its entry into the drainage system. Recover the product and place it in a plastic bag for disposal; rinse the area and the materials involved with plenty of water.

7. HANDLING AND STORAGE

Precautions in handling

Avoid inhalation of dust and avoid contact with eyes and skin.

Storage conditions

Always keep containers tightly closed after each use. Store product in a dry and well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures

Adequate ventilation in the place where the product is stored and / or handled.

Respiratory protection

Wear respiratory protection where ventilation is inadequate or prolonged exposure to the product.

Protection for the skin

No special precautions should be taken for normal use. If you wish, wear gloves

Protection of the eyes


No special precautions should be taken for normal use. If you wish, wear safety glasses.

Other Protective Equipment

No special precautions should be taken for normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance:	White powder
Specific Gravity (Water = 1):	N.D.
Boiling Point (° C):	N.A
Melting Point (° C):	N.A
Relative Vapor Density (Air = 1):	N.D.
Vapor Pressure (mm Hg):	N.A
PH:	5-7.5 (as a 1% solution)

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Solubility:

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Soluble in water, forms viscous solutions, and converts to paste at concentrations approx. 5%

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions of use and storage (room temperature and ventilated areas).

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity	Not known.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization	
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity
Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not available.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity -	Not classified single exposure
Specific target organ toxicity-repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the

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possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. DISPOSAL CONSIDERATIONS

Disposal instructions

Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local / regional /national /international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

Not established.

Waste from residues / unused products

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

This Safety Data Sheet complies with the legal requirements of:

Perú: Ley N° 29783 Ley de Seguridad y Salud en el Trabajo Decreto Supremo N° 005-2012- TR

16. ADDITIONAL INFORMATION

Information related to this product may be invalid if it is used in combination with other materials or in other processes. It is the responsibility of the user to interpret and apply this information for their particular use. The information contained herein is offered only as a guide for the handling of this specific material and has been prepared in good faith by technical personnel.

The above information has been obtained from sources that the company, in good faith, trusts to be able to depend on, being accurate and reliable. However, the company cannot provide any guarantee or representation regarding the accuracy or completeness of the information and will not assume any liability for any loss or damage caused by the above or for advising it in reference to the protection of its employees, clients or Other users. Consult local regulations before use.