

SECTION I - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1. Identification of the substance or preparation

Trade Name: INCA GUM
Product: 100 % Cosmetic Grade Tara Gum
INCI code: CAESALPINIA SPINOSA GUM (PERUVIAN TARA SEED)
CTFA name: Caesalpinia spinosa Gum (Tara) meal
Other names: Guarango, Leguminosae
CAS No: 39300-88-4
EINECS/ELINENCS No: 254-409-6

1.2. Use of the substance / preparation

Manufacture of cosmetics. Thickening agent, texture agent.
Please refer to applicable laws and regulations in your country before using.
INCI identification (cosmetics) is regarded as indicating a thickener and stabilizing agent.

1.3. Identification of the company

Distributor: INCA TARA SA
Address: Calle German Schreiber No.184, Of. 701,
San Isidro, Lima, Peru
Phone/Fax: +49 5044 882000
Email to: cwaetjen@incaoil.org

1.4. Emergency telephone number

For medical advice (in German and English):
+49 (0)551 19240 (Giftinformationszentrum Nord)

SECTION II - HAZARD IDENTIFICATIONS

2.1. Classification of the substance or mixture:

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

INCA GUM is not classified as toxic product Document EEC, directive 67/548.

2.2 Label elements

Not relevant

SECTION III - COMPOSITION / INFORMATION OF INGREDIENTS

INCA GUM

INCI code: Caesalpinia Spinosa Gum

Ingredient: Endosperm of the Tara Seed (*Caesalpinia Spinosa*).

SECTION IV – FIRST AID MEASURES

4.1. Description of first aid measures

- **Skin Contact:**

Wash with soap and plenty of water.

Do not may cause skin irritation.

- **Eye Contact:**

May cause eye irritation. In case of contact, immediately flush eyes with large quantities of water for at least 10 minutes. Get medical attention.

- **Ingestion:**

May cause gastric problems. Wash the mouth with large amounts of water. If swallowed, get medical attention with this MSDS

- **Inhalation:**

May cause cough and breathing difficulty. Remove to fresh air. If breathing is difficult, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately.

SECTION V – FIRE AND EXPLOSION HAZARD DATA.

5.1. Extinguishing Media:

Use water, foam, CO2 and dry chemicals, according to materials involved in the fire.

5.2. Special fire fighting procedures:

Evacuate area. Wear positive pressure, self-breathing apparatus and full protective clothing.

5.3. Risks from combustion

Avoid inhaling fumes.

SECTION VI- ACCIDENTAL RELEASE MEASURES

6.1. Steps To Be Taken If Material Is Released Or Spilled:

Wear proper protective equipment. If the product is in a liquid form, stop their entry into the drainage system.

After the product has been recovered, put the product in a plastic bag for eventual disposal, wash the area and materials involved with water.

6.2. Environmental precautions

Do not discharge into drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically. When picked up, treat material as prescribed under heading “Disposal considerations”. Risk of slipping due to leakage/spillage of product.

SECTION VII – PRECAUTION FOR SAFE HANDLING AND USE

7.1. Handling:

Avoid breathing powder and contact with eyes and skin. See the Section 8. Do not eat or drink

during the work.

7.2. Storage:

Close plastic bag after each use. Store the product in dry place with adequate ventilation.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Precautionary Measures:

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

8.2. Respiratory Protection:

Wear suitable respiratory equipment when the ventilation is inadequate or the exposure is prolonged.

8.3. Skin Protection:

Not required under normal use. If you desire, use gloves.

8.4. Eye Protection:

Not required under normal use. If you desire, use safety glasses.

8.5. Other protective equipment:

Not required under normal use.

8.6. Hygienic Practices:

Wash hands at the end of workday.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	White Powder, slightly yellowish
Specific Gravity (Water = 1):	N.D
Boiling point (°C):	N.A
Melting point (°C):	N.A
Vapor density relative (Air=1):	N.D
Vapor Pressure (mm Hg):	N.A
Viscosity (cp):	N.A
pH:	Aprox. Neutral (solution 1%)
Solubility:	Soluble, it forms viscous solutions, and becomes paste at concentrations aprox. 5%

SECTION X – STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended

use.

10.4. Conditions to avoid

Heat, naked flames and other ignition sources. Stable under recommended storage conditions.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION XI- TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The data provided below were classified according to the criteria adopted by the European Economic Community (EEC) about the toxicity to aquatic organisms. Below we presented the expression that summarizes the classification scheme.

48 hr. LC 50; Daphnia magna(fish): 980mg/L; Practically NO TOXIC

96 hr. LC 50; shrimp mysidacea , using 2Lb/bbl of Tara "INCA GUM" in standard drilling mud: >500.000ppm in phase of suspended particles.

Expression for toxicity to aquatic organisms (Journal of the European Communities), Values:
LC 50 o EC50 > 1.0 mg/L Toxic .

LC50 ó EC 50 > 10mg/L DANGEROUS

LC50 ó EC 50 > 100mg/L

BOD 5 (Biochemistry demand O₂)

COD (Chemistry demand O₂) Aprox. 160mg O₂/g.

In some individuals the dry powder may cause irritation by foreign bodies. Prolonged contact with the dry powder cause dry or chapped skin. Excessive inhalation of dust may cause discomfort and mechanically impede respiration.

- LD50 (Lethal Dose): N/A
- Carcinogenicity NTP (National Toxicology Program): Not a carcinogenic product.
- Regulation OSHA: N/A.
- DOT: None
- Class: NOT DANGEROUS

SECTION XII - DISPOSAL CONSIDERATIONS / ECOLOGICAL INFORMATION

Dispose of in accordance with local, state and national environmental regulations. The dry or wet solid material can be deposited in sanitary landfill in accordance with national local, state or if care is taken to avoid clogging or blockage of sewer systems that recognize that these materials are intended to increase the viscosity and forming gels.

As carbohydrate, this material normally is easily biodegradable.

SECTION XIII - TRANSPORT INFORMATION

Not regulated

SECTION XIV – Ecological REGULATORY INFORMATION

This Material Safety Data Sheet complies with legal regulations of:

Perú: Decreto Supremo N° 29783 Occupational Safety and Health at Work Supreme Decree N° 005-2012-TR

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorization)

In accordance with the REACH regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorization.

REACH candidate list of substances of very high concern (SVHC) for authorization

In accordance with article 57 and article 59 of the REACH regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring ("Authorization List").

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The substance is not subject to the provisions of annex XVII (restriction entries) of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This substance is not subject to Part I or 2 of Annex I.

SECTION XV – ADDITIONAL INFORMATION

Information related to this product may be void if this is used in combination with other materials or in other processes. Users are responsible for the interpretation and application of this information to their particular use. The information contained herein is offered only as a guide to handling this specific material and has been prepared in good faith by technical staff. This is not attempted as complete even the manner and conditions of use and handling may involve other and additional considerations.

The information above has been obtained from sources which the company, in good faith, trust can depend, these being accurate and reliable. However, the company cannot give any warranties or representations regarding the accuracy or completeness of the information and assumes no responsibility for any loss or damage caused by the above or advise in reference to the protection of its employees, customers or other users. Check local regulations before using force.