



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: **Karaya Paste**
Product Code: 7910/7919
SDS Manufacturer Number: 7910/7919
Manufacturer Name: Hollister Incorporated
Address: 2000 Hollister Drive
Libertyville, Illinois 60048
USA
General Phone Number: 847-680-1000
SDS Creation Date: January 15, 2015
SDS Revision Date: May 15, 2015

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:



Signal Word: Warning.

GHS Class: Eye Irritation, Category 2.
Specific Target Organ Toxicity - STOT, Single Exposure SE, Category 3.

Hazard Statements: Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary Statements: Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER or doctor/physician if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Emergency Overview: WARNING! Irritant. May cause drowsiness or dizziness.

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Signs/Symptoms: Overexposure may cause headaches and dizziness.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Aggravation of Pre-Existing Conditions: None generally recognized.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Gum Karaya Powder	9000-36-6	20 - 40 by weight	
Isopropanol (IPA)	67-63-0	10 - 20 by weight	
Non hazardous ingredient(s)	No Data	10 - 20 by weight	
2-Butenedioic acid	31307-95-6	10 - 20 by weight	

SECTION 4 : FIRST AID MEASURES

Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	No effects anticipated. If symptoms persist, call a physician.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion:	IF SWALLOWED: Call a physician or poison control center immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:	Combustion propagation rate less than or equal to 1 mm/s
Flash Point Method:	ASTM Method D4359
Auto Ignition Temperature:	Not determined.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Unsuitable Media:	Do not use a solid water stream as it may scatter and spread fire.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards:	Material burns with an invisible flame.
Hazardous Combustion Byproducts:	Oxides of carbon, oxides of nitrogen and other organic substances may be formed.

NFPA Ratings:

NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	1

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	For large spills: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Avoid breathing vapor, aerosol or mist. Avoid contact with skin, eyes and clothing.
Environmental Precautions:	For large spills: Avoid runoff into storm sewers, ditches, and waterways.
Methods for containment:	For large spills: Contain spills with an inert absorbent material such as soil, sand or oil dry.
Methods for cleanup:	For large spills: Remove all sources of ignition. Collect the wipes with a non sparking tool and absorb or wipe any residual liquids. Place in a suitable container for proper disposal. Use appropriate protective apparel as described in Section 8. Avoid contact with skin and eyes.

SECTION 7 : HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and fumes. Use only in accordance with directions. To reduce potential for static discharge, bond and ground containers when transferring material.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, direct sunlight, and incompatible substances. Keep container tightly closed when not in use. Keep away from aldehydes, halogenated organics, halogens, strong acids, strong oxidizers.
Special Handling Procedures:	Do not re-use empty containers.
Hygiene Practices:	Wash thoroughly after handling. Avoid inhaling vapors, mists, or fumes.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:	No special protective equipment required under normal conditions of use. General ventilation is sufficient if this product is being used in a controlled medical setting (clinic, hospital, medical office) for its sole intended topical purpose.
Eye/Face Protection:	No special protective equipment required under normal conditions of use. If splashes are likely to occur, wear: Chemical splash goggles.
Skin Protection Description:	No special protective equipment required under normal conditions of use.
Respiratory Protection:	No special protective equipment required under normal conditions of use. No personal respiratory protective equipment normally required. The need for respiratory protection will vary according to the airborne concentrations and environmental conditions (such as in manufacturing).

EXPOSURE GUIDELINES

Isopropanol (IPA):

Guideline ACGIH:

TLV-STEL: 400 ppm

TLV-TWA: 200 ppm

Guideline OSHA:

PEL-TWA: 400 ppm

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Paste.
Color:	Brown
Odor:	Alcohol or solvent odor
Odor Threshold:	Not determined.
Boiling Point:	82°C (180 °F) as Isopropanol
Melting Point:	Not determined.
Specific Gravity:	1.075 at 25°C as mixture
Solubility:	Swells in water
Vapor Density:	>1 (Air=1.)
Vapor Pressure:	33 mm Hg @ 20°C (69°F) as isopropanol
Percent Volatile:	Not determined.
Evaporation Rate:	Not determined.
pH:	Not determined.
Viscosity:	Not determined.
Coefficient of Water/Oil Distribution:	Not determined.
Flash Point:	Combustion propagation rate less than or equal to 1 mm/s
Flash Point Method:	ASTM Method D4359
Auto Ignition Temperature:	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Keep away from heat, ignition sources and incompatible materials.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.
Special Decomposition Products:	Heating may produce an irritant and harmful gas.

SECTION 11 : TOXICOLOGICAL INFORMATION

Gum Karaya Powder:

Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 9100 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Isopropanol (IPA):

Eye: Administration into the eye - Rabbit Standard Draize test: 100 mg [Severe]
Administration into the eye - Rabbit Standard Draize test: 10 mg [Moderate]
Administration into the eye - Rabbit Standard Draize test: 100 mg/24H [Moderate] (RTECS)

Skin: Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: 12800 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Inhalation: Inhalation - Rat LC50 - Lethal concentration, 50 percent kill: 16000 ppm/8H [Details of toxic effects not reported other than lethal dose value]
Inhalation - Rat LC50 - Lethal concentration, 50 percent kill: 72600 mg/m3 [Behavioral-General anestheticLungs, Thorax, or Respiration-Other changes] (RTECS)

Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 5045 mg/kg [Behavioral-Altered sleep time (including change in righting reflex)Behavioral-Somnolence (general depressed activity)]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 5000 mg/kg [Behavioral-General anesthetic] (RTECS)

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	No environmental information found for this product.
Environmental Fate:	No environmental information found for this product.

Waste Disposal:

Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not Restricted in accordance with CFR 49 Section 173.125(1)

DOT UN Number: Not Restricted in accordance with CFR 49 Section 173.125(1)

Notes :

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

SECTION 15 : REGULATORY INFORMATION**Gum Karaya Powder :**

TSCA Inventory Status: Listed

Canada DSL: Listed

Isopropanol (IPA) :

TSCA Inventory Status: Listed

Section 313: EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.

Canada DSL: Listed

2-Butenedioic acid :

TSCA Inventory Status: Listed

Canada DSL: Listed

SECTION 16 : ADDITIONAL INFORMATION

HMIS Health Hazard: 1

HMIS Fire Hazard: 1

HMIS Reactivity: 1

HMIS Personal Protection: X

MSDS Creation Date: January 15, 2015

MSDS Revision Date: May 15, 2015

Disclaimer:

This product is exempt from Safety Data Sheet regulations as the product is for consumer use. The information contained in this Safety Data Sheet (SDS) is offered as a guide to the use and handling of this material. All safety aspects of all Hollister products are thoroughly evaluated prior to commercialization. This SDS has been prepared in good faith by technically knowledgeable personnel. Hollister Incorporated shall not be held liable for any damages, losses or injuries of any nature which may result from the use of or reliance upon any information contained in this SDS. Each individual should make a determination as to the suitability of the information for his or her particular purpose(s).