

SAFETY DATA SHEET



Sec. 1 identification of the substance or mixture and the supplier or manufacturer

1.1 Name of the chemical or mixture

Chukum water/Agua de Chukum.

1.2 Other means of identification

Aqueous extract of the bark of the Chukum tree (Havardia Albicans).

1.3 Recommended use of the hazardous chemical or mixture and restrictions of use

It is shaken prior to use and mixed with the Chukum base, eliminating lumps to obtain a paste applicable in cementitious walls, in an adequate proportion to obtain the desired consistency.

1.4 Data of the supplier or manufacturer

Address: Calle 3 #276 between 6 and 8 Colonia San Carlos, C.P. 97130, Mérida, Yuc. México.

Koriander S de RL de CV

Website: www.chukum.com.mx

1.5 Contact numbers:

Mérida, Yuc. México

Tel. +52 (999)290 04 33

Cel. +52 (999)338 5129

Sec. 2 Identification of hazards

Accidental ingestion: It can cause irritation

Inhalation:: It can cause irritation

Skin (contact and absorption): It can cause irritation

Eyes: It can cause irritation

Prudence Tips P

P102 - KEEP OUT OF THE REACH OF CHILDREN

P280 - WEAR GLOVES/PROTECTIVE CLOTHING/EYE AND FACE PROTECTION EQUIPMENT.

Other dangers that don't contribute

This mixture does not contain components that are considered carcinogenic.

Sec. 3 Composition/information about the components

				DEGREE OF RISK				
COMPOSITION	%COMP	NO.CA S	UN NUMBER:	S	I	R	SPECIAL	E.P.P
EXTRACT WATERY FROM THE CRUST OF THE TREE	0.8	N/A	N/A	0	0	0	0	0

The aqueous extract contains in addition to water about 0.8% of total solid compounds from natural extracts contained in the indicated plant (Harvania Albicans), among which are saponins, polyphenols, tannins, carbohydrates and minerals.

Sec. 4 First aid

4.1 Description of first aid

General recommendations: In case of discomfort, go to the doctor

Inhalation	Place the affected person in a place with fresh air
Contact with the skin	Wash perfectly with soap and water
Contact with the eyes	Rinse with plenty of water, if irritation persists, consult your doctor
Ingestion	Drink plenty of water, it is recommended to consult the doctor

Inhalation	It can be harmful if it is inhaled.
Contact with the skin	It can be harmful in contact with the skin.
Contact with the eyes	Causes eye irritation
Ingestion	It can be harmful if it is ingested.

Chronic exposure:

There is no evidence of damage.

No special procedures are required, but if it is necessary to submit this Safety Data Sheet.

Sec. 5 Fire measures

MEANS OF EXTINCTION:

THE AQUEOUS EXTRACT OBTAINED FROM THE CHUKUM BARK AND COMMONLY KNOWN BY ITS MAYAN NAME CANNOT BE EXPLOSIVE, THE MEANS MUST BE SELECTED ACCORDING TO THE NATURE OF THE FIRE AND THE DANGEROUS MATERIALS FOUND IN THE AREA WATER FOG X FOAM X CO2 X AND OTHER

SPECIAL PROTECTIVE EQUIPMENT:

IN THE PRESENT CASE OF FIRE NEAR THE AREA IN WHICH THIS PRODUCT IS STORED, WE RECOMMEND THE USE OF THE APPROPRIATE PROTECTIVE EQUIPMENT FOR THE PEOPLE IN THE AREA; THE FIRE-RESISTANT JACKET (ALWAYS AVOID CLOTHES MADE OF SYNTHETIC MATERIALS) CAN WEAR GLOVES AND A MASK TO PROTECT AGAINST SMOKE, DESPITE BEING A NON-FLAMMABLE AND NON-EXPLOSIVE PRODUCT.

PROCEDURE AND SPECIAL PRECAUTIONS FOR FIRE FIGHTING: USE THE FIRE PREVENTION SCHEME FOR THE CASE ESTABLISHED BY THE COMPANY TO THE RELEVANT REGULATIONS.

CONDITIONS THAT LEAD TO ANOTHER SPECIAL RISK: NONE

Sec. 6 Measures to be taken in case of accidental spill or accidental leak

6.1 Personal precautions, personal protective equipment and emergency procedures

As it is a non-hazardous product, it is recommended as a preventive measure to use safety lenses with side covers, rubber gloves and work overalls that cover arms and legs.

6.2 Environmental precautions

Prevent the product from spreading and reaching the drains, collect as much as possible and deposit them in containers suitable for disposal, through the authorized means.

6.3 Methods and materials for the containment and cleaning of spills or leaks

Prevent the product from spreading and reaching the drains, collect as much as possible and deposit them in containers suitable for disposal, through the authorized means.

In case of leakage: In case of leakage of drum or container, stop the leak by plugging the generating source or, if possible, turn the container so that the leakage area is upwards. In case of a bunker tank, it is recommended to plug without risk and once empty repair it or, if possible, transfer the material.

In case of a spill: immediately form a dam with absorbent material (sand) or with the kit for containing spills, preventing the product from spreading and reaching the drains, collect as much as possible and deposit it in containers suitable for disposal, through the authorized means.

Once the residues that remain on the surface have been collected, they must be washed with water, making sure that the place is clean.

6.4 References to other sections

For the handling of this material and personal protective equipment, see section 7 and 8 of this Safety Data Sheet.

Sec. 7 Handling and storage

7.1 Precautions to be taken to ensure safe handling

Manipulation tips

Use of personal protective equipment, see section 8. Hygiene advice.

Handle with appropriate industrial hygiene precautions, respecting safety practices.

Use only in areas provided with appropriate ventilation and extraction.

The facilities where this material is stored or used must be equipped with eyewash equipment.

7.2 Conditions of secure storage, including any incompatibility

Under normal conditions the product has excellent stability, it is recommended to keep it indoors and away from heat sources and UV radiation. We recommend the use of this product in a time of no more than 6 months of storage.

Keep in a cool place, not exposed to the sun, preferably at temperatures below 30°C, in a well-ventilated place.

Other data

This material does not decompose on its own, if it is handled and stored as indicated.

Sec. 8 Exposure Controls/Personal Protection

8.1 Control parameters

Do not mix or use this product if you do not know what process it is required for, consult your supervisor or direct boss.

8.2 Appropriate technical controls

Use only in areas provided with appropriate ventilation and extraction. The facilities where this material is stored or used must be equipped with eyewash equipment.

8.3 Personal protection measures, such as personal protective equipment, Personal Protective Equipment

Safety glasses with side covers, rubber gloves and work overalls that cover arms and legs.

Sec. 9 Physical and chemical properties

Chemical composition: Plant extract..

PHYSICAL STATUS: LIQUID

COLOR: PURPLE OBSCUROUS

SMELL: CHARACTERISTIC OF THE SUBSTANCE

EMBULLION POINT (°C): N/A

MELTING POINT (°C): N/A

WATER SOLUBILITY: N/A

% OF VOLATIVITY: N/A

TEMPERATURE OF INFLAMMATION (°C): N/A

SELF-IGNITION TEMPERATURE (°C): N/A

DENSITY RELATIVE (GR/LT) A 25: N/A

STEAM DENSITY (AIR=1): N/A

MOLECULAR WEIGHT: N/A

EVAPORATION RATE (BUTYL ACETATE=1): N/A

STEAM PRESSURE: N/A

OTHER DATA: STORED AT ROOM TEMPERATURE DOES NOT GENERATE ODOR, OF THE EXTRACT UNIQUE CHARACTERISTICS OF THE AQUEOUS AND ITS ORIGIN IS THE NATURAL ORGANIC DECOMPOSITION STORED DURING LONG PERIODS.

FLAMMABILITY LIMITS 0 EXPLOSIVITY (%PER VOLUME OF AIR):

LOWER N/A

SUPERIOR N/A

SAFETY DATA SHEET



Sec. 10 Stability and reactivity

10.1 Reactivity

Non-reactive

10.2 Chemical stability

Stable

10.3 Possibility of dangerous reactions

Under normal conditions of handling and use there are no dangerous reactions.

10.4 Conditions that should be avoided

None known.

10.5 Incompatible materials

There is no evidence.

10.6 Dangerous decomposition products

Under normal conditions of storage and use there is no dangerous decomposition.

Sec. 11 Toxicological information

11.1 Information about the probable routes of entry

Chronic exposure:

Inhalation	There is no evidence of damage.
Contact with the skin	There is no evidence of damage.
Contact with the eyes	There is no evidence of damage.
Ingestion	There is no evidence of damage.

11.2 Symptoms related to physical, chemical and toxicological characteristics

Contact with the skin	Due to prolonged contact spaces, it can cause slight irritation
Contact with the eyes	It can be irritated

11.3 Immediate and delayed effects, as well as chronic effects caused by short or long-term exposure

Contact with the skin	Due to prolonged contact spaces, it can cause slight irritation
Contact with the eyes	It can be irritated

Sec. 12 Echo-toxicological information

12.1 Toxicity

Acute toxicity for fish, aquatic invertebrates, algae and bacteria
No data available.

Chronic aquatic toxicity, aquatic invertebrates, for organisms that live in the ground, for terrestrial plants and for non-mammal terrestrial species
No data available

12.2 Persistence

No data available

12.2 Potential for bioaccumulation

No data available

OTHER DATA: Water as a solvent, does not contain other solvents, is a completely biodegradable product.

Sec. 13 Information regarding the disposal of products

Eliminate in accordance with local, national and international regulations. Prevent spills and cleaning runoffs from reaching the sewers. Make sure that the containers comply with proper washing and are properly labeled.

Sec. 14 Information regarding transport

UN number

It is not a dangerous product, according to the applicable rules.

United Nations Official Transportation Designation

Not regulated

Packaging/packaging group, if applicable

N/A

Bulk transport according to Annex II of MARPOL 73/78 and the CIQ Code (IBC)

N/A

Sec. 15 Regulatory information Evaluation

Evaluation

A chemical safety assessment is not required for this product

TRADEMARK REGISTRATION: 1450997

Sec. 16 Other information including those related to the preparation and updating of The safety data sheets

Acronyms and acronyms:

(N/A) NOT AVAILABLE

(N/A) DOES NOT APPLY

SGA; GHS: The Harmonized Globalizing System of Classification and Labelling of Chemicals, developed by the United Nations. Globally Harmonized System.

SDS: Security Data Sheet.

CAS number: Number assigned to a chemical substance by the "Chemical Abstract Service" of the United States of America.

UN number: Identification number for the transport of hazardous chemicals assigned by the Organization of the United Nations.

The information is considered correct, but it is not exhaustive and will be used only as a guide, which is based on the current knowledge of the chemical or mixture and is applicable to the appropriate safety precautions for the product.

The information provided corresponds to our current knowledge and is conceived only as a guide for safety in the handling, use, processing, removal, transport, disposal and unloading and should not be considered as a guarantee or specification of quality. It refers only to the specified material and cannot be valid in combination with other materials or in any process, unless otherwise indicated.