

SAFETY DATA SHEET

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

1.1 Product identifiers

PRODUCT NAME	GARLIC OLEORESIN
PRODUCT CODE	EC 0004

COMMON CHEMICAL NAME:	Garlic oleoresin
CAS:	No available
FEMA:	No available
CLASSIFICATION:	Oleoresin / Natural Identical

1.2 Relevant identified uses of the substance or mixture and uses advised against:

IDENTIFIED USES:	Flavoring Agent
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1.3 Details of the supplier of the safety data sheet:

AROMÁTICOS QUÍMICOS POTOSINOS, S.A. DE C.V.
AV. CIRCUNVALACIÓN ORIENTE No. 225 CD. GRANJA
TEL. 01 (33) 3777 – 4240 CON 20 LÍNEAS
ZAPOPAN, JALISCO. CP 45010, MÉXICO

1.4 Emergency phone:

AROMÁTICOS QUÍMICOS POTOSINOS, S.A. DE C.V.
ZAPOPAN, JALISCO
Tel. 0052 (33) 3777 – 4240 Ext. 154
(Monday to Friday 8: 00 – 18:00 GMT -5 / UTC -6)
Tel. (+52) 33 1458 2673 (24 h)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to the globally harmonized system

Acute toxicity, ingestion (category 5)	H303
Skin sensitization (category 1)	H317
Skin irritation (category 3)	H316
Eye irritation (category 2B)	H320

2.2 GHS Label elements, including precautionary statements:

PICTOGRAM



SIGNAL WORD:

Warning

Hazard statement(s)

H303	May be harmful if swallowed
H317	May cause an allergic skin reaction
H316	Causes mild skin irritation
H320	Causes eye irritation

Precautionary statement(s)

P261	Avoid breathing gases and vapors
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the work area
P280	Wear gloves and eye protection equipment
P301 + P312	IF SWALLOWED: Call a poison control center or doctor if the person feels unwell.
P302 + P352	IF ON SKIN: Wash with plenty of water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses when present and can be done easily. Continue with the wash.
P333 + P313	In case of skin irritation or rash: consult a doctor
P337 + P313	If eye irritation persists: consult a doctor
P362	Take off contaminated clothing and wash before reuse
P501	Dispose of contents / container in accordance with national and international regulations

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Data no available

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances.

Component	CAS	Classification	Concentration
Soy Lecithin	8002-43-5	No classified	80.0 – 90.0 %
Garlic Oil	No available	Flam. Liq. 3;H226 Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1;H317	10.0 – 20.0 %

4. FIRST AID MEASURES

4.1 Description of first aid measures.

IN CASE OF EYED CONTACT

Remove contact lenses. Subject the eyes under running water for at least 15 minutes. Obtain medical assistance if necessary.

IN CASE OF SKIN CONTACT

Remove any contaminated clothing or shoes. Wash with soap and water. If irritation persists, get medical attention. In case of contact with the skin (or hair). Remove immediately the contaminated

clothing. Rinse skin with water / shower. Wash body parts that have been carefully exposed after handling.

IF INHALED

Remove to fresh air. Avoid gas inhalation. Obtain medical assistance if necessary.

IF SWALLOWED

If swallowed: call a poison control center or doctor if the person is unwell. Rinse mouth. Do not induce vomiting

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2)

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

SUITABLE EXTINGUISHING MEDIA:

Foam, dry powder, Carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA:

Not available.

5.2 Special hazards arising from the substance or mixture:

Not available.

5.3 Advice for firefighters:

Wear self - contained breathing apparatus for firefighting if necessary.

5.4 Further information:

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:

Keep away from heat / sparks / open flames / hot surfaces. Keep container tightly closed. Use explosion-proof electrical / ventilating / lighting / equipment. do not use tools that produce sparks. Do not eat, drink or smoke samples this product is handled.

6.2 Environmental precautions:

Do not touch spilled material. Eliminate all sources of ignition. Prevent leaks inside drains, pipes, sewers or confined areas.

6.3 Methods for cleaning up:

Contain the spilled material with an inert, non-combustible absorbent material (such as dry earth or sand) and remove it to an approved waste container. If required, report the spill to the appropriate authority

Recovery:

Recycle to process, if possible.

Neutralization:

Absorb with an inert material and put the spilled material in an appropriate waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

7.2 Storage:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Sensitive to light. Store in light-resistant containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limits:

It contains no substances with occupational exposure limit values

8.2 Exposure controls:

RESPIRATORY PROTECTION:

Use positive pressure self-contained breathing apparatus.

HAND PROTECTION:

Use protective gloves oil/chemical resistant.

EYE PROTECTION:

Use protective goggles or facial mask.

SKIN PROTECTION:

During its management, follow the Good Manufacturing Practices. Avoid prolonged contact. Wash your hands immediately before eating and after any contact with the material. Thoroughly wash any clothing or shoes before reusing them.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

APPEARANCE:

Transparent, slightly viscous liquid.

UPPER / LOWER LIMIT OF FLAMMABILITY OR EXPLOSION:

Not available.

COLOR:

Light brown to dark brown.

ODOR AND FLAVOR:

Characteristic of garlic.

VAPOR PRESSURE:

Not available.

OLFATIVE THRESHOLD:

Not available.

VAPOR DENSITY:

Not available.

pH:

Not available.

BRIX DEGREES 20 ° C:

Not available

DENSITY 20 ° C (g/mL):

Minimum 0.900

VOLATILE OIL

Minimum 7.00%

MELTING POINT:

Not available.

SOLUBILITY:

Soluble in most oil mixtures. Insoluble in glycerin and propylene glycol.

BOILING POINT:

Not available.

REFRACTION INDEX 20 ° C:

Not available.

POLYMERIZATION TEMPERATURE	
SELF-ACCELERATING:	Not available.
DISTRIBUTION COEFFICIENT:	
N-OCTAGONAL / WATER;	Not available
TEMPERATURE OF	
DECOMPOSITION	Not available
FLASH POINT:	450 ° F TCC (232 ° C)
AUTO-IGNITION TEMPERATURE	Not available.
EVAPORATION RATE:	Not available.

10. STABILITY AND REACTIVITY

10.1 Reactivity:	No data available
10.2 Chemical stability:	Stable under conditions of normal storage and use.
10.3 Possibility of hazardous reactions:	No data available
10.4 Conditions to avoid:	Heat, flames and sparks.
10.5 Incompatible materials:	Strong oxidizing agents.
10.6 Hazardous decomposition products:	Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.

Acute toxicity

ATE Oral: 3700 mg / Kg
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation

Causes mild skin irritation

Serious eye damage/eye irritation

Cause eye irritation

Respiratory or skin sensitization

May cause an allergic skin reaction

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity -single exposure

No data available

Specific target organ toxicity -repeated exposure

No data available

Aspiration hazard

No data available

Additional information

No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Not determined.

12.2 Persistence and degradability

Not determined.

12.3 Bioaccumulative potential

Not determined.

12.4 Mobility in soil

Not determined.

12.5 Results of PBT and vPvB assessment

Not determined.

12.6 Other adverse effects

Not determined.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

WASTE FROM RESIDUE:

Dispose of in accordance with State, Federal and Local Regulations

CONTAMINATED PACKAGING:

Dispose of in accordance with State, Federal and Local Regulations.

14. TRANSPORT INFORMATION

Shipping classification:

DOT (US)

UN number: Not applicable

Class: Not applicable

Packing group: Not applicable

Official transportation designation of the United Nations: Not considered dangerous material for transport.

IMDG

UN number: Not applicable Class: Not applicable Packing group: Not applicable EMS-No: Not applicable
Official transportation designation of the United Nations: Not considered dangerous material for transport.

IATA

UN number: Not applicable Class: Not applicable Packing group: Not applicable
Official transportation designation of the United Nations: Not considered dangerous material for transport.

14.1 UN number (not subject to transport regulations)

14.2 Official transportation designation of the United Nations not relevant

14.3 Class (s) of danger for non-relevant transport
Class -

14.4 Packing group not relevant.

15. REGULATORY INFORMATION

International regulations

- *Chemical substances included in the lists of the convention on chemical weapons:* Contains no listed substances
- *Montreal Protocol:* Contains no listed substances
- *Stockholm Convention on Persistent Organic Pollutants:* Contains no listed substances
- *Rotterdam Convention:* Contains no listed substances
- *Ingredients that cause hypersensitivity, intolerance or allergy according to NOM-051 SCFI / SSA1-2010, General labeling specifications for prepackaged food and non-alcoholic beverages-Commercial and health information. (Mexico)* Contains Listed Substances : Soy Lecithin

16. OTHER INFORMATION:

The information presented in this Safety data sheet is considered correct but is not exhaustive and will be used only as guidance, which is based on the current knowledge of the chemical or mixture and is applicable to the precautions of appropriate safety for the product.

Reference :

NOM-010-STPS-2014. Chemical pollutants of the work environment - Recognition, evaluation and control.

NOM-018-STPS-2015, Harmonized system for the identification and communication of dangers and risks due to hazardous chemical substances in the workplace.

Globally harmonized system of classification and labeling of chemical products (GHS / GHS). Seventh edition. United Nations, 2017

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