

SAFETY DATA SHEET

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

1.1 Product identifiers

PRODUCT NAME GINGER ESSENTIAL OIL
PRODUCT CODE EC 0013

COMMON CHEMICAL NAME: Ginger Essential Oil
CAS: 8007-08-7
FEMA: 2522
CLASSIFICATION: Essential Oil / Natural

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

IDENTIFIED USES: Flavoring Agent

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

Flammable liquids (Category 4)	H227
Skin irritation (Category 2)	H315
Serious eye irritation (Category 2A)	H319
Aspiration hazard (Category 1)	H304
Skin Sensitization (Category 1)	H317
Hazardous to the aquatic environment - Acute Hazard (Category 2)	H401
Hazardous to the aquatic environment - Long-term hazard (Category 2)	H411

2.2 GHS Label elements, including precautionary statements:

PICTOGRAM



SIGNAL WORD:

Danger

Hazard statement(s)

H227	Combustible liquid
H315	Causes skin irritation
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210	Keep away from flames and hot surfaces.
P261	Avoid breathing dust / fumes / gases / mists / vapors / spray.
P264	Wash the parts that have been involved in the handling carefully.
P272	Contaminated work clothes do not leave the workplace.
P273	Do not spread to the environment
P280	Wear gloves and eye / face protection.
P301 + P310	If swallowed: Immediately call a poison control center or even a doctor
P302 + P352	In case of skin contact: wash with plenty of soap and water
P305 + P351 + P338	In case of contact with eyes: rinse carefully with water for several minutes. Remove contact lenses when present and can be done easily. Continue with the wash.
P331	Do not induce vomiting.
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.
P363	Wash contaminated clothing before reuse.
P370 + P378	In case of fire: use foam, chemical powder or CO2 for extinction.
P391	Collect spillage.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents / container in accordance with local 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	Clasification	Concentration
Ginger Essential Oil	8007-08-7	Flam. Liq. 4;H227 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1;H317 Asp. Tox. 1;H304 Aquatic Acute 2;H401 Aquatic Chronic 2;H411	≤100.00 %

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 oily liquid.

COLOR:

Light yellow to dark yellow.

ODOR:

Characteristic of ginger.

UPPER / LOWER LIMIT OF

FLAMMABILITY OR EXPLOSION:

Not available.

VAPOR PRESSURE:

Not available.

OLFACTIVE THRESHOLD:

Not available.

VAPOR DENSITY:

Not available.

pH:	Not available.
RELATIVE DENSITY:	Not available.
MELTING POINT:	Not available.
SOLUBILITY:	Soluble in a mixture of oils and in mineral oil, it is usually soluble with turbidity in alcohol, insoluble in glycerin and in propylene glycol.
BOILING POINT:	254.00 ° C at 760.00 mm Hg
DENSITY AT 25 ° C (g/mL):	0.870 - 0.882
REFRACTION INDEX 20 ° C:	1.488 - 1.494
ANGLE OF ROTATION 20 ° C:	-28.00 ° - -47.00 °
DECOMPOSITION TEMPERATURE	Not available
COEFFICIENT OF DISTRIBUTION:	
N-OCTAGONAL / WATER:	Not available.
FLASH POINT:	130.00 ° F (64.44 ° 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

Oral: No data available
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation

Cause skin irritation

Serious eye damage/eye irritation

Cause serious 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

May be fatal if swallowed and enters airways

Additional information

No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic for the aquatic organisms, with lasting noxious effects

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

IMDG

UN No: 3082 Class: 9 Packing group: III EMS-No: F-A, S-F
UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Ginger Essential Oil)



IATA

UN No: 3082 Class: 9 Packing group: III
UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Ginger Essential Oil)



DOT(US)

UN No: 3082 Class: 9 Packing group: III
UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Ginger Essential Oil)



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 no listed substances

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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