

SAFETY DATA SHEET

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

1.1 Product identifiers

PRODUCT NAME	CUMIN OIL
PRODUCT CODE	EC 0018

COMMON CHEMICAL NAME:	Cumin Oil
CAS:	No available
FEMA:	No available
CLASSIFICATION:	Oil / Identical Natural

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 requirements of the Globally Harmonized System

Acute Toxicity oral (category 5)	H303
Flammable liquid (category 3)	H226
Aspiration Hazards (category 1)	H304
Skin Sensibilization (category 1B)	H317
Skin Irritation (category 2)	H315
Reproductive toxicity (category 2)	H361

2.2 GHS Label elements, including precautionary statements:

PICTOGRAM



SIGNAL WORD:

Danger

Hazard statement(s)

H303	May be harmful if swallowed
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H315	Causes skin irritation
H361	Susceptible to impair fertility or damage

Precautionary statement(s)

P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing gas and vapours
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308 + P313	IF exposed or concerned: Get medical advice/attention
P331	Do NOT induce vomiting
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P370 + P378	In case of fire: Use dry powder, foam, CO2 for extinction
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

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances.

Component	CAS	Clasification	Concentration
Cumin Essential Oil	No available	Flam. Liq. 3;H226 Acute Tox. 5; H303 Skin Irrit. 2;H315 Skin Sens. 1;H317 Asp. Tox. 1;H304 Repr. 2;H361	80.0 – 90.0 %
Cumin Seed Essential Oil	8014-13-9	Flam. Liq. 3;H226 Acute Tox. 5 (Oral);H303 Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Skin Sens. 1;H317 Repr. 2;H361 Asp. Tox. 1;H304 Aquatic Acute 2;H401 Aquatic Chronic 2;H411	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

Obtain immediate medical assistance. 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:	Slightly yellow to brown.
ODOR AND FLAVOR:	Characteristic of cumin.
UPPER / LOWER LIMIT OF VAPOR PRESSURE:	Not available.
OLFATIVE THRESHOLD:	Not available.
VAPOR DENSITY:	Not available.
pH:	Not available.
RELATIVE DENSITY:	Not available.
MELTING POINT:	Not available.
SOLUBILITY:	Not available.
BOILING POINT:	Not available.
DENSITY AT 25 ° C (g/mL):	0.905 - 0.925
REFRACTION INDEX 20 ° C:	1,500 - 1,506
OPTICAL ROTATION 20 ° C:	+ 3.00 ° - + 8.00 °
DECOMPOSITION TEMPERATURE:	Not available
FLASH POINT:	118.40 ° F (48 ° C)
AUTOIGNITION 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: 2590 mg / Kg
Inhalation: No data available
ATE Dermal: > 5000 mg / Kg

Skin corrosion/irritation

Cause skin irritation

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met

Respiratory or skin sensitization

May cause an allergic skin reaction

Germ cell mutagenicity

Based on available data, the classification criteria are not met

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

Suspected of damaging fertility or the fetus

Specific target organ toxicity -single exposure

Based on available data, the classification criteria are not met

Specific target organ toxicity -repeated exposure

Based on available data, the classification criteria are not met

Aspiration hazard

Based on available data, the classification criteria are not met

Additional information

Based on available data, the classification criteria are not met

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: 1169 Class: 3 Packing group: III
Proper shipping name: Extracts, aromatic, liquid.

IMDG

UN number: 1169 Class: 3 Packing group: III EMS-No: F-E, S-E
Proper shipping name: Extracts, aromatic, liquid

IATA

UN number: 1169 Class: 3 Packing group: III
Proper shipping name: Extracts, aromatic, liquid



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

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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