

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

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SECTION 1: Identification of the substance or mixture and of the company or the company

1.1 Product Identifiers

Product Name **OIL FRESH**
Reference: **ART. Y447**

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

Identified uses: **TECHNICAL PRODUCT**
Uses advised against: **Do not use for any other use that is not in the regulation 1223/2009**

1.3 Details of the supplier of the safety data sheet

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SECTION 2: Hazards Identification

2.1. - Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 [CLP]

Extremely flammable aerosol.	H222
flammable aerosol.	H223
Pressurized container: May burst if heated.	H229
Skin irritation	H315
Specific target organ toxicity - single exposure, Central nervous system,	H336
Aspiration hazard	H304
Acute aquatic toxicity	H400
Chronic aquatic toxicity	H410

Classification according to EU Directives 67/548/EEC or 1999/45/EC

F +	R12	Extremely Flammable Aerosol
Xn	R65	Harmful
Xi	R38	Irritant
	R67	
N	R50/53	Dangerous for the environment

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008 [CLP]

Symbol



Word of warning

Extremely Flammable Aerosol
Danger

Indication (s) of danger (a)

- H222 - Extremely flammable aerosol.
- H223 - Flammable aerosol.
- H225 - Highly flammable liquid and vapour.
- H229 - Pressurized container: May burst if heated.
- H304 - May be fatal if swallowed and enters airways.
- H315 - Causes skin irritation.
- H336 - May cause drowsiness or dizziness.
- H410 - Very toxic to aquatic life with long lasting

Statement (s) of prudence neither (a)

Further information on risks (EU)

- P102 - Keep out of reach of children.
- P210 - Keep away from heat, sparks, open flame or hot surfaces. - No Smoking.
- P211 - Do not spray on an open flame or other ignition source flame.
- P251 - Pressurized container: Do not pierce or burn, even after use.
- P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P273 - Avoid release to the environment.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
- P331 - Do NOT induce vomiting.
- P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 oC/122oF.
- P501 - Dispose of contents/ container to an approved waste disposal plant.
- EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards none (a)

SECTION 3: Composition / information on ingredients

Dangerous ingredients according to Regulation (EC) No. 1272/2008

Componente	Clasificación	Concentració
ISOBUTANE No. CAS 75-28-5 No. CE No. Indice 601-004-00-0	Flam. Gas 1: Press. Gas ; H220, H280	INF. 55%
n-heptane No. CAS 142-82-5 No. CE 205-563-8 No. Indice 601-008-00-2	Flam. Liq. 2; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1; Aquatic Acute 1; Aquatic Chronic 1; H225, H304, H315,H336,H410	INF.22%

PROPANE No. CAS 74-98-6 No. CE 200-827-9 No. Indice 601-003-00-5	Flam. Gas 1: Press. Gas ; H220, H280	INF. 15%
PENTANE No. CAS 109-66-0 No. CE 203-692-4 No. Indice 601-006-00-1	Flam. Liq. 2; STOT SE 3; Asp. Tox. 1; Aquatic Chronic 2; H225, H304, H336, H411, EUH066	INF. 4,5%
BUTANE No. CAS 106-97-8 No. CE ---- No. Indice 601-004-00-0	Flam. Gas 1: Press. Gas ; H220, H280	INF. 1%

Dangerous ingredients according to Directive 1999/45/EC

<i>Componente</i>	<i>Clasificación</i>	<i>Concentració</i>
ISOBUTANE No. CAS 75-28-5 No. CE No. Indice 601-004-00-0	F+, R12	INF. 55%
n-heptane No. CAS 142-82-5 No. CE 205-563-8 No. Indice 601-008-00-2	F, Xn, N, R11 - R38 - R65 -R67 - R50/53	INF.22%
PROPANE No. CAS 74-98-6 No. CE 200-827-9 No. Indice 601-003-00-5	F+, R12	INF. 15%
PENTANE No. CAS 109-66-0 No. CE 203-692-4 No. Indice 601-006-00-1	F+, Xn, N, R12 - R51/53 - R65	INF. 4,5%
BUTANE No. CAS 106-97-8 No. CE ---- No. Indice 601-004-00-0	F+, R12	INF. 1%

4.1 Description of first aid measures

General recommendations

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person to fresh air. If not breathing, give artificial respiration.

Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of contact with eyes

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do not induce vomiting Never give anything by mouth to an unconscious person. rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and / or section 11

4.3 Indication of any immediate medical attention and special treatment needed right away

No data available

SECTION 5: Firefighting

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

Flash back possible over considerable distance

5.3 Advice for firefighters

If necessary, wear self-contained breathing apparatus for fire fighting.

5.4 Further information

In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray to cool unopened containers.

SECTION 6: Accidental discharge

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

For disposal see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid breathing vapor or mist.

Keep away from flame or sources of ignition - No fumar. Tomar measures to prevent accumulation of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep container tightly closed in a dry and well ventilated.

Contents under pressure.

7.3 Specific end

No data available

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Componente	No. CAS	Valor	Parámetros de control	Base
Isobutane	75-28-5			Components with workplace control parameters
n-Heptane	142-82-5			Components with workplace control parameters
Propane	74-98-6	VLA-ED	1.000 ppm	Environmental Exposure Limits professional
pentane	109-66-0			Components with workplace control parameters
Butane	106-97-8	VLA-ED	1.000 ppm	Occupational Exposure Limits for Chemical Agents - Table 1: Environmental Exposure Limits professional

Components with workplace occupational exposure.

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protection

Eye protection / face

Face shield and safety glasses. Use protective equipment for eyes tested and approved under appropriate government standards such as NIOSH (U.S.) or EN 166 (EU).

Skin care

Handle with gloves. Gloves must be inspected prior to use. Use technical Correct removal of gloves (without touching glove's outer surface) to avoid contact skin with this product. Dispose of contaminated gloves after use of accordance with applicable laws and good laboratory practices laws. Wash and dry hands. The selected protective gloves have to satisfy the specifications of the EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment should be selected according to the concentration and amount of the dangerous substance at the specific place working.

Respiratory Protection

Where the risk assessment shows that the air-purifying respirators are appropriate, particle respirator full face type N99 (U.S.) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a supplied air respirator full face Use respirators and components tested and approved under appropriate government eStandards as NIOSH (U.S.) or CEN (EU)

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter in the sewer system.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance Form:	Aerosol
Odor:	Characteristic
Odour Threshold:	correct
pH:	Not applicable
Flash Point:	4.0 ° F (-20 ° C) estimated

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical Stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, flames and sparks. Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition

Other hazardous decomposition products - no data available

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

n-HEPTANE

LC50 Inhalation - rat - 4 h - 103.000 mg/m³

Inhalation: Irritating to respiratory system.

PENTANE

LD50 Oral - mouse - 5.000 mg/kg

LC50 Inhalation - rat - 4 h - 364.000 mg/m³

LD50 Dermal - rabbit - 3.000 mg/kg

Corrosion or skin irritation

Skin - Rabbit

Result: No skin irritation - 24 h

(OECD TG 404)

Serious eye irritation

Eyes - rabbit

Result: No eye irritation - 24 h

(OECD TG 405)

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product is identified present at levels greater than or equal to 0.1% as a probable human carcinogen, possible or confirmed by the (IARC) International Agency for Research on Carcinogens.

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

Potential Health Effects

ISOBUTANE

Inhalation	May be harmful if inhaled. May cause irritation to the gastrointestinal tract breathing.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause irritation skin.
Eyes	Causes eye irritation.

Signs and Symptoms of Exposure

CNS depression, narcosis, cardiac nervous system injuries, according to our information, we believe have not been adequately investigated the chemical, physical and toxicological properties.

SECTION 12: Ecological Information

12.1 Toxicity

N-Heptane Toxicity to fish LC50 - Carassius auratus (goldfish) - 4 mg/l - 24,0 h

LC50 - Tilapia mossambica - 375 mg/l - 96,0 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1,50 mg/l - 48 h

pentane Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 9,74 mg/l - 48 h
other aquatic
invertebrates

12.2 Persistence and degradability

N-Heptane Ratio BOD/ThBOD 3,5 %

pentane Biotic/Aerobic - Exposure time 192 h
Result: 70 % - Readily biodegradable.

12.3 Potential for bioaccumulation

Indication of bioaccumulation.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

Section 13: Disposal Considerations

13.1 Methods for treating waste

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber proceeding with great care in igniting as this material is highly flammable.
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

GENERAL: The repeal applies LIMITED QUANTITIES at lower volumes 1Lt

14.1 UN number

ADR/RID: - 1950

IMDG: 1950

IATA: -

1950

14.2 Proper transport UN

ADR / RID: Aerosols, flammable

IMDG: Aerosols, flammable

IATA: Aerosols, flammable

14.3 Class(s) hazardous for transport

ADR/RID: - 2,1

IMDG: 2

IATA: -

2,1

14.4 Packing group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: Yes

IMDG Marine pollutant: NO

IATA: no

14.6 Special precautions for user

No data available

Section 15: Regulatory Information

The safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Regulation and legislation on health, safety and specific for the

Substance or mixture

No data available

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Other information

The above information is believed to be correct but does not purport to be all inclusive and shall used only as a guide. The information contained herein is based on the present state of our knowledge and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Lamarvi Cosmetics Laboratories, SAU, are not liable for any damage resulting from the handling or from contact with the above product.