

01 Identification of the substance/mixture and of the company/undertaking

• 1.1 Product identifier

- Trade name:
LYCO SOL
- Article number:
5733
- Definition:
Oily (Apricot kernel oil) extract of Tomato lycopers.
- INCI (PCPC):
Prunus Armeniaca (Apricot) Kernel Oil (and) Solanum Lycopersicum (Tomato) Fruit/Leaf Stem Extract

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Uses of the substance/mixture:
Ingredient (raw material) for cosmetic use.
For additional information on the fields of use of this product,
please contact us.

• 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:
* Gattefossé SAS
* 36, chemin de Genas
* CS 70070
* 69804 Saint Priest cédex
* Tel: (33) 04.72.22.98.00
* Fax: (33) 04.78.90.45.67
- Further information obtainable from:
Gattefossé SAS - Regulatory Department
regulatory@gattefosse.com
- 1.4 Emergency telephone number:
FRANCE: + 33 (0)1 45 42 59 59 (ORFILA / INRS)
For other EU countries, please consult:
http://echa.europa.eu/help/nationalhelp_contact_en.asp
CHINE: GATTEFOSSE CHINA TRADING CO., LTD.
Tel: +86 021-58958010 / Fax: +86 021-58958015.

02 Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
Void
The product is not classified as hazardous to health or environment according to the CLP regulation.
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC
Not applicable.
- Information concerning particular hazards for human and environment:
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

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- Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
- Hazard statements
Void
- Labelling according to EU guidelines:
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV) .
- **GHS label elements**
Void
- **US NFPA 704 (National Fire Protection Association) Hazard Rating System**
- Health hazard:
Rating 0: Normal material.
- Flammability:
Rating 0: Will no burn.
- Reactivity:
Rating 0: Stable.
- Other hazard information:
None.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.

03 Composition/information on ingredients

- **3.2 Chemical characterization:**
 - Description:
 - Dangerous components:
Mixture: consisting of the following components. This section describes all components of the mixture. When no classification is mentioned below the identification of the substance, the substance shall be considered →not classified→ according to Regulation EC 1272/2008 and Directive 67/548/EEC.
- | CAS NO. | Description Index R-phrases | % |
|------------|--|-------------|
| 68650-44-2 | Apricot kernel oil
EC number: 272-046-1
Record number EXEMPTED (ANNEX V.9) | 75.0<A1<100 |
| 90131-63-8 | Solanum Lycopersicum ext.
EC number: 290-375-9
Record number EXEMPTED (< 1T) | 0.1<F<1.0 |
| 8001-21-6 | Sunflower oil
EC number: 232-273-9 | G< 0.1 |
| 84604-14-8 | Rosemary ext.
EC number: 283-291-9
Record number EXEMPTED (< 1T) | G< 0.1 |
- Additional information:
Apricot kernel oil CAS: 68650-44-2 (or 72869-69-3)

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For the wording of the listed risk phrases refer to section 16.

04 First aid measures

- 4.1 Description of first aid measures
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- **General information:**
No special measures required.
- **After inhalation:**
Supply fresh air ; consult doctor in case of complaint.
- **After skin contact:**
Wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Seek immediate medical advice.
- **Information for doctor:**
No further relevant information available.
- 4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

05 Firefighting measures

- **5.1 Extinguishing media**
- **5.1 Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
No special measures required.
- **Protective equipment:**
No special measures required.

06 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Pick up mechanically.
Ensure adequate ventilation.

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07 Handling and storage

- **Handling:**
 - 7.1 Precautions for safe handling
No special measures required.
 - Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
No special measures required.
 - 7.2 Conditions for safe storage, including any incompatibilities
No special requirements.
- **Storage:**
 - Requirements to be met by storerooms and receptacles:
No special requirements.
 - Information about storage in one common storage facility:
Not required.
- **7.3 Specific end use(s)**
No further relevant information available.

08 Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:**
The lists valid during the making were used as basis.
- **Personal protective equipment:**
 - General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
 - Respiratory protection: Not necessary if room is well-ventilated.
 - Protection of hands: Protective gloves
 - Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - Eye protection: Safety glasses
 - Body protection: Protective work clothing

09 PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	
Form:	Oily
Colour:	Orange
Odour:	Characteristic
Boiling point/Boiling range:	Undetermined.
Flash point:	> 200,0 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature (auto-ignition):	Not determined.
Danger of explosion:	Not determined.
Solubility in / Miscibility with water:	Insoluble.

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10 Stability and reactivity

- 10.1 Reactivity
Stable.
- 10.2 Chemical stability
Stable.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions
No dangerous reactions known.
- 10.4 Conditions to avoid
No further relevant information available.
- **10.5 Incompatible materials:**
No further relevant information available.
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide

11 Toxicological information

11.1 Summary :

A summary of the evaluation is presented here after.

- **Acute toxicity:**
- LD/LC50 values relevant for classification:
LYCO SOL
Oral, LD50: > 5000 mg/kg (rat)
Oral, LD0: > 5000 mg/kg (rat)
- Primary irritant effect:
- on the skin:
No irritant effect.
Not classified (Dangerous Preparations Directive DPD 88/379/EEC).
- on the eye:
No irritating effect.
Not classified (Dangerous Preparations Directive DPD 88/379/EEC).
- Sensitization:
No sensitizing effects known.
Not classified (Dangerous Preparations Directive DPD 88/379/EEC).
- **Subacute to chronic toxicity:**
Not classified (Dangerous Preparations Directive DPD 88/379/EEC).
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Toxicological information about product :

Only the studies important for the product classification are listed here after. Contact us for the complete list of studies.

- Cutaneous irritation :
 - Species :
Rabbit
 - Concentration :
Pure
 - Result :
Non irritant.

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- Reference :
Gattefossé data
- Product tested : LYCO SOL

- Ocular irritation:
 - Species :
Rabbit
 - Concentration :
Pure
 - Result :
Slightly irritant.
- Reference :
Gattefossé data
- Product tested : LYCO SOL

- Acute toxicity (oral) :
 - Species :
Rabbit
 - Concentration :
Pure
 - Result : LD0 / LD50 > 5000 mg/kg
- Reference :
Gattefossé data
- Product tested : LYCO SOL

12 Ecological information

12.1 Summary :

A summary of the evaluation is presented here after.

- Aquatic toxicity:
No further relevant information available.

- **12.2 Persistence and degradability**
No data available.
Not classified (Dangerous Preparations Directive DPD 88/379/EEC).

- **Behaviour in environmental systems:**
 - 12.3 Bioaccumulative potential
A worth-mentioning accumulation in organisms is not expected.
Not classified (Dangerous Preparations Directive DPD 88/379/EEC).
 - 12.4 Mobility in soil
No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**
Not classified PBT and vPvB (Annex VI Regulation (EC) No 1272/2008).

Indications about product :

No ecotoxicity study has been done on the product.

The ecotoxicity assessment of our product is based on a read-across approach (structurally related substances). Environment effect and environmental fate of our product are predicted from data on similar substances.

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13 Disposal considerations

- **13.1 Waste treatment methods**
- Recommendation
Must be disposed of an incinerator.
- Recommendation about packaging :
Disposal must be made according to official regulations.
Packaging may be reused or recycled after cleaning.

14 TRANSPORT INFORMATON

- **Land transport ADR/RID (cross-border)**
Not regulated.
- **Inland shipping ADN:**
Not regulated.
- **Maritime transport IMDG:**
Not regulated.
- **Air transport ICAO-TI and IATA-DGR:**
Not regulated.
- **Environmental hazards:**
Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
Not applicable.

15 REGULATORY INFORMATION

- **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV) .
- **National regulations:**
- Additional classification according to Decree on Hazardous Materials, Annex II:
Not classified.
- Classification according to VbF:
Not classified.
- Classification WGK (Water hazard classes - Wassergefährdungsklassen):
Wassergefährdungsklasse (WGK) : Not classified (nicht wassergefährdend).
- Classification HMIS (Hazardous Materials Identification System)
 - Health:
Cat 0 : no significant risk to health.
 - Flammability:
Cat 0: Materials that will not burn.
 - Reactivity (HMIS® I and II - now obsolete)
Please consult NFPA classification.
 - Physical Hazard (HMIS® III):

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Cat 0: Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.

- Personal Protection:

Cat C: Safety glasses + Gloves + Protective apron.

• **International rules :**

- USA :

Conforms to US TSCA (Toxic Substance Control Act). Substances that are regulated under other federal regulations (ie food additives, drug, cosmetics etc) are not subject to TSCA.

16 Other information

Regulatory requirements relative to the distribution of this MSDS : In accordance with the regulatory requirements, all information in the MSDS must be transmitted by the MSDS recipient to the health authorities, to any party receiving the products and to any other person likely to be exposed to the products.

Asterisks (*) on life show modifications with regard to last chemical safety data sheet.

• **Department issuing MSDS:**

Gattefossé SAS - Regulatory Department regulatory@gattefossé.com

• **Liability clause :**

The information contained in this data sheet is based on our knowledge of the related product on the date indicated, but does not amount to a guarantee in respect of the product's properties and does not give rise to any contractual legal tie. This information is given in utmost good faith. It cannot substitute for indispensable preliminary tests that must be conducted to ensure product suitability for each intended use. The user's attention is also drawn to the possible risks incurred if a product is used for a purpose other than its designed purpose. This data sheet does not under any circumstance replace knowledge and application by the user of all laws and regulations relevant to his own operations. The user shall be solely liable for the precautions taken relevant to the use made of the products. The list of related laws and regulations is given simply to help the user to fulfil the obligations incumbent upon him for use of the product. This must not be considered an exhaustive list and does not exempt the user from ensuring that he may possibly come under other obligations pursuant to laws or regulation other than those indicated relating to the possession and manipulation of the product for which he shall be solely liable.

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent