

SECTION 1 : Product and company identification**1,1 Product identifier**

Product name: LYCOPENE (Ref. 100273)
Product code: 100273

1,2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance: Perfume compound for industrial use

1,3 Details of the supplier of the safety data sheet

Company: **NACTIS - SYNAROME**
ZI "La Marinière"
34-36, rue Gutenberg - B.P. 32
91071 Bondoufle Cedex / France
E-mail: synarome@nactis.fr
TEL : +33.1.60.86.40.43
FAX : +33.1.69.91.34.20

1,4 Emergency telephone number

Emergency telephone number ORFILA: +33.1.45.42.59.59

SECTION 2 : Hazards identification**2,1 Classification of the substance or mixture****According to Regulation (EC) N° 1272/2008**

Flammable liquid (CATEGORY 4), H227
Skin corrosive/ irritation (CATEGORY 3), H316
Skin sensitisation (CATEGORY 1B), H317
Serious eye damage/eye irritation (CATEGORY 2A), H319
Hazardous to aquatic environment (ACUTE A2), H401
Hazardous to aquatic environment (CHRONIC C3), H412

2,2 Label elements**Labelling according to Regulation (EC) N° 1272/2008**

Pictogram / signal word(s)



SGH07

WARNING

Hazard statement(s)

H227 : Combustible liquid
H316 : Causes mild skin irritation
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
H401 : Toxic to aquatic life
H412 : Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P210 : Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
 P273 : Avoid release to the environment.
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.
 P303 + P361 + P353 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313 : If skin irritation occurs: Get medical advice/attention.

2,3 Other hazards

None

SECTION 3 : Composition/information on ingredients

Identification : LYCOPENE (Ref. 100273)

Dangerous constituents

Name	CAS EINECS EU Index #	REACH ID	Classification acc. to Reg. (CE) 1272/2008	Concentration (%)
Isobornyl acetate	125-12-2 204-727-6 -	-	EH A2 H401 FL 4 H227 SCI 3 H316	>= 10 - <25
Coumarin	91-64-5 202-086-7 -	-	ATO 4 H302 EH A3 H402 SS 1 H317	>= 2.5 - <10
Vanillin	121-33-5 204-465-2 -	01-2119516040-60 -0002	ATO 5 H303 EDI 2A H319 EH A3 H402	>= 2.5 - <10
Phenylethyl alcohol	60-12-8 200-456-2 -	-	ATD 5 H313 ATO 4 H302 EDI 2A H319 SCI 3 H316	>= 2.5 - <10
Piperonal	120-57-0 204-409-7 -	-	SS 1B H317	>= 2.5 - <10
Camphene	79-92-5 201-234-8 -	-	EDI 2B H320 EH A1 H400 EH C1 H410 FS 2 H228	>= 0 - <1
Linalool	78-70-6 201-134-4 -	01-2119474016-42 -0000	ATO 5 H303 EDI 2A H319 EH A3 H402 FL 4 H227 SCI 2 H315 SS 1B H317	>= 0 - <1
Limonene	5989-27-5 227-813-5 601-029-00-7 (ATP 24)	-	AH 1 H304 EH A1 H400 EH C1 H410 FL 3 H226 SCI 2 H315 SS 1B H317	>= 0 - <1

SECTION 4 : First aid measures**4,1 Description of first aid measures****INHALATION**

Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

EYE CONTACT

Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

SKIN CONTACT

Remove contaminated clothes. Wash thoroughly with water (or water and soap). Contact physician if symptoms persist.

INGESTION

Do not induce vomiting. Rinse mouth with water and obtain medical advice.

4,2 Most important symptoms and effects, both acute and delayed

Take Risk and Safety phrases into account.

4,3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 : Fire-fighting measures**5,1 Extinguishing media**

Carbone dioxide, dry chemical, foam. Do not use a direct waterjet on burning material.

5,2 Special hazards arising from the substance or mixture

Carbon monoxide and unidentified organic compounds may be formed during combustion.

5,3 Advice for fire-fighters

During fight against fire, wear a breathing apparatus with independent air supply.

SECTION 6: Accidental release measures**6,1 Personal precautions, protective equipment and emergency procedures**

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6,2 Environmental precautions

Keep away from drains, surface, groundwater and soil.

6,3 Methods and material for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6,4 Reference to other sections

None.

SECTION 7: Handling and storage

7,1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7,2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry ventilated area ($t < 18^{\circ}\text{C}$) away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7,3 Specific end use(s)

Apart from uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8,1 Control parameters

No data available.

8,2 Exposure controls

EYE PROTECTION

Use equipment for eye protection

SKIN PROTECTION

Avoid skin contact. Handle with chemically resistant gloves.

RESPIRATORY PROTECTION

Avoid inhalation of concentrated vapours. Apply local ventilation where appropriate.

SECTION 9: Physical and chemical properties

9,1 Information on basic physical and chemical properties

PHYSICAL STATE:	Liquid
COLOUR :	Brown (clear to cloudy)
ODOUR :	Woody, Balsamic, Oriental
FLASH POINT (closed cup):	91°C
SOLUBILITY IN WATER:	Not available
SOLUBILITY IN ALCOHOL:	Not available
REFRACTIVE INDEX (n 20/D):	1.5140 - 1.5180
RELATIVE DENSITY (20/20):	1.035 - 1.050
MELTING POINT (°C)	Not available
BOILING POINT (°C)	Not available
VAPOUR PRESSURE (Pa)	Not available
FLAMMABILITY:	Not available
OXIDISING PROPERTIES:	Not available
PARTITION COEFFICIENT	
Log Pow:	Not available
pH (20°C):	Not available
VISCOSITY:	Not available
EXPLOSIVE PROPERTIES:	Not available

9,2 Other information

None

SECTION 10: Stability and reactivity

10,1 Reactivity

No significant reactivity hazard.
 Avoid contact with strong acids, alkali or oxidizing agents.

10,2 Chemical stability

Stable under recommended storage conditions.

10,3 Possibility of hazardous reactions

No data available.

10,4 Conditions to avoid

Excessive heat, flames and sparks.

10,5 Incompatible materials

Not available.

10,6 Hazardous decomposition products

No hazardous decomposition products if handling and storage conditions are met.

SECTION 11 : Toxicological information

This preparation has not been subjected to toxicological testing as an entity. According to the available data on the components, the criteria on classification relating to human health are filled.

SECTION 12 : Ecological information

This preparation has not been subjected to ecotoxicological testing as a whole. According to the available data on the components, the criteria on environmental classification are filled.

SECTION 13 : Disposal considerations

13,1 Waste treatment methods

Product
 Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.

Packaging
 Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 : Transport information

14,1 UN number

Road : (RID / ADR)	3082
Air : (IATA)	3082
Sea : (IMDG)	3082

14,2 UN proper shipping name

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Contains : Isobornyl acetate

14,3 Transport hazard class(es)

Road : (RID / ADR) 9

Air (IATA) : 9

Sea : (IMDG) 9

14,4 Packing group

Road : (RID / ADR) III

Air (IATA) : III

Sea : (IMDG) III

14,5 Environmental hazards

ADR/RID: YES

IMDG Marine pollutant: YES

IATA: YES

14,6 Special precautions for user

No data available

SECTION 15: Regulatory information

15,1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not applicable.

15,2 Chemical Safety Assessment

Not applicable.

SECTION 16: Other information

List of relevant hazard statements used in section 3 according to Regulation (EC) 1272/2008:

- H226 : Flammable liquid and vapour
- H227 : Combustible liquid
- H228 : Flammable Solid
- H302 : Harmful if swallowed
- H303 : May be harmful if swallowed
- H304 : May be fatal if swallowed and enters airways
- H313 : May be harmful in contact with skin
- H315 : Causes skin irritation
- H316 : Causes mild skin irritation
- H317 : May cause an allergic skin reaction
- H319 : Causes serious eye irritation
- H320 : Causes eye irritation
- H400 : Very toxic to aquatic life
- H401 : Toxic to aquatic life
- H402 : Harmful to aquatic life
- H410 : Very toxic to aquatic life with long lasting effects

Futher information

The information and recommandations contained in this data sheet are based on the present state of our knowledge and are applicable to the product with regard to appropriate safety precautions.

The safety data sheet does not represent any guarantee of the properties of the product.
Nactis shall not be held liable for any damage resulting from handling or from contact with the above product.

This MSDS supersedes all previous issues.

Revision date: January 2019