

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

Product name: CUMINYL NITRILE  
Product code: 085510

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

Use of the substance: Ingredient used in Fragrance preparations

**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](mailto: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**

Acute toxicity, oral (CATEGORY 5), H303  
Skin corrosive/ irritation (CATEGORY 3), H316  
Hazardous to aquatic environment (ACUTE A2), H401  
Hazardous to aquatic environment (CHRONIC C2), H411

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

Pictogram / signal word(s)



SGH09

WARNING

**Hazard statement(s)**

H303 : May be harmful if swallowed  
H316 : Causes mild skin irritation  
H401 : Toxic to aquatic life  
H411 : Toxic to aquatic life with long lasting effects

**Precautionary statement(s)**

P273 : Avoid release to the environment.  
P332 + P313 : If skin irritation occurs: Get medical advice/attention.

**2,3 Other hazards**

None

**SECTION 3 : Composition/information on ingredients**

Identification : CUMINYL NITRILE

Dangerous constituents

Name	CAS EINECS EU Index #	REACH ID	Classification acc. to Reg. (CE) 1272/2008	Concentration (%)
Cuminyl nitrile	13816-33-6 237-492-3 -	-	ATO 5 H303 SCI 3 H316	>= 95
Cuminaldehyde	122-03-2 204-516-9 -	-	ATD 5 H313 ATO 4 H302	>= 2.5 - < 10

**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 :	Colourless to pale yellow
ODOUR :	Spicy, Woody, Caraway, floral
FLASH POINT (closed cup):	105°C
SOLUBILITY IN WATER:	119.5 mg/l
SOLUBILITY IN ALCOHOL:	Not available

REFRACTIVE INDEX (n 20/D):	1.5175 - 1.5195
RELATIVE DENSITY (20/20):	0.950 - 0.960
MELTING POINT (°C)	21.62 °C
BOILING POINT (°C)	237.48 °C
VAPOUR PRESSURE (Pa)	0.0529 mm Hg @25°C
FLAMMABILITY:	Not available
OXIDISING PROPERTIES:	Not available
PARTITION COEFFICIENT	
Log Pow:	3
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 : Cumynyl nitrile

**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:**

H302 : Harmful if swallowed  
H303 : May be harmful if swallowed  
H313 : May be harmful in contact with skin  
H316 : Causes mild skin irritation

**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:      December 2018**