

OLAPLEX NO.4C BOND MAINTENANCE CLARIFYING SHAMPOO

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : OLAPLEX NO.4C BOND MAINTENANCE CLARIFYING SHAMPOO

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

Cosmetic Care.

1.3. Details of the supplier of the safety data sheet

Registered company name : Olaplex.

Address : INC.1187 Coast Village Road Suite #1-520.CA 9310.Santa Barbara.USA.

Telephone : . Fax : .

1.4. Emergency telephone number : 1-800-565-9300.

Association/Organisation : CHEMTREC.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

HCS compliant.

Skin irritation, Category 2 (Skin Irrit. 2).

Serious eye damage, Category 1 (Eye Dam. 1).

Skin sensitisation, Category 1 (Skin Sens. 1).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

HCS compliant.

Hazard pictograms :



GHS05



GHS07

Signal Word :

DANGER

Product identifiers (list of classified components) :

CAS 68424-94-2

BETAINES, COCO ALKYL DIMETHYL

CAS 110615-47-9

D-GLUCOPYRANOSE, OLIGOMERIC, C10-16-ALKYL GLYCOSIDES

CAS 68515-73-1

D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES

CAS 61789-40-0

COCAMIDOPROPYL BETAINE

Hazard statements :

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H318

Causes serious eye damage.

Precautionary statements - General :

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

Precautionary statements - Prevention :

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P272

Contaminated work clothing should not be allowed out of the workplace.

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection

Precautionary statements - Response :

P302 + P352

IF ON SKIN: Wash with plenty of water.

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P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER/doctor.

P321

Specific treatment (see instructions on this label).

P333 + P313

If skin irritation or rash occurs: Get medical advice/attention.

P362 + P364

Take off contaminated clothing and wash it before reuse.

Precautionary statements - Disposal :

P501

Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	HCS	Nota	%
INDEX: 928663450 CAS: 928663-45-0 SODIUM LAUROYL METHYL ISETHIONATE	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2B, H320		10 <= x % < 25
INDEX: 68139300 CAS: 68139-30-0 EC: 268-761-3 COCAMIDOPROPYL HYDROXSULTAINE	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2B, H320		2.5 <= x % < 10
INDEX: 68424_94_2 CAS: 68424-94-2 EC: 270-329-4 BETAINES, COCO ALKYLDIMETHYL	GHS07, GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318		0 <= x % < 2.5
INDEX: 68815565 CAS: 68815-56-5 DISODIUM LAURETH SULFOSUCCINATE	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2B, H320		0 <= x % < 2.5
INDEX: 110615_47_9 CAS: 110615-47-9 EC: 600-975-8 REACH: 01-2119489418-23 D-GLUCOPYRANOSE, OLIGOMERIC, C10-16-ALKYL GLYCOSIDES	GHS07, GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318		0 <= x % < 2.5
INDEX: 68155099 CAS: 68155-09-9 COCAMIDOPROPYLAMINE OXIDE	Eye Irrit. 2B, H320		0 <= x % < 2.5
INDEX: 68515_73_1 CAS: 68515-73-1 EC: 500-220-1 REACH: 01-2119488530-36 D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES	GHS05 Dgr Eye Dam. 1, H318		0 <= x % < 2.5
INDEX: 61789_40_0 CAS: 61789-40-0 EC: 263-058-8 COCAMIDOPROPYLBETAINE	GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2B, H320		0 <= x % < 2.5

Information on ingredients :

(Full text of H-phrases: see section 16)

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SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Handle and open the container with care.

Avoid eye contact with this mixture at all times.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

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8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVA (Polyvinyl alcohol)

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

No data available.

Physical state

Physical state : Fluid liquid.

Colour

Yellow

Odour

Odour threshold : Not stated.

Sweet Grapefruit

Melting point

Melting point/melting range : Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

Flammability

Flammability (solid, gas) : Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

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Flash point

Flash point interval : Not relevant.

Auto-ignition temperature

Self-ignition temperature : Not specified.

Decomposition temperature

Decomposition point/decomposition range : Not specified.

pH

pH : Not stated.

Neutral.

pH (aqueous solution) : Not stated.

Kinematic viscosity

Viscosity : Not stated.

Solubility

Water solubility : Insoluble.

Fat solubility : Not stated.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

Vapour pressure

Vapour pressure (50°C) : Between 175 kPa and 300 kPa inclusive.

Density and/or relative density

Density : < 1

Relative vapour density

Vapour density : Not stated.

9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO₂)

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SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

May cause an allergic reaction by skin contact.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2 Complex substance

No toxicological data available for the substances.

11.2. Information on other hazards

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 108-88-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 89-82-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.2 Complex substance

No aquatic toxicity data available for the substances.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

The appropriate waste management of the mixture and/or its container must be determined in accordance with local regulations.

13.1. Waste treatment methods

Do not pour into drains or waterways.

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Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

SECTION 15 : REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The following regulations have been used:

- OSHA Hazard Communication Standard 29 CFR 1910.1200

- Container information:

No data available.

- Particular provisions :

No data available.

- Clean Water Act : Toxic Pollutants (CWA 307A)

CAS	Name
108-88-3	TOLUENE

- Clean Water Act : Hazardous Substances (CWA 311)

CAS	Name
65-85-0	BENZOIC ACID
108-88-3	TOLUENE

- Clean Water Act : Hazardous Substances (CWA 304b)

CAS	Name
108-88-3	TOLUENE

- Clean Water Act : Priority Pollutants (CWA Priority)

CAS	Name
108-88-3	TOLUENE

- Clean Air Act : Hazardous Air Pollutants (CAA 112(b) HAP (188))

CAS	Name
108-88-3	TOLUENE

- Clean Air Act : Organic Hazardous Air Pollutants National Emission Standards (CAA 112(b) HON (387))

CAS	Name
65-85-0	BENZOIC ACID
56-40-6	GLYCINE

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122-99-6 2-PHENOXYETHANOL
108-88-3 TOLUENE

- Clean Air Act : Protection of Stratospheric Ozone (CAA 602)

Unlisted.

- SARA 110

CAS	Name
65-85-0	BENZOIC ACID
108-88-3	TOLUENE

- SARA 302/304

Unlisted.

- SARA 313

CAS	Name
108-88-3	TOLUENE

- California proposition 65 : Chemicals known to the state to cause cancer or reproductive toxicity

CAS	Name
89-82-7	PULEGONE (cancer)
123-35-3	MYRCENE (cancer)
108-88-3	TOLUENE (developmental)

- Massachusetts : Right to Know

CAS	Name
99-87-6	P-CYMENE
80-56-8	ALPHA-PINENE
7758-29-4	PENTASODIUM TRIPHOSPHATE
76-22-2	1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE
65-85-0	BENZOIC ACID
124-13-0	OCTANAL
108-88-3	TOLUENE

- New Jersey : Right to Know

CAS	Name
80-56-8	ALPHA-PINENE
76-22-2	1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE
65-85-0	BENZOIC ACID
586-62-9	TERPINOLENE
507-70-0	BORNEOL
138-86-3	DL-LIMONENE
128-37-0	BUTYLATED HYDROXYTOLUENE
108-88-3	TOLUENE

- Pennsylvania : Hazardous Substance

CAS	Name
99-87-6	P-CYMENE
80-56-8	ALPHA-PINENE
7758-29-4	PENTASODIUM TRIPHOSPHATE
76-22-2	1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE
65-85-0	BENZOIC ACID
507-70-0	BORNEOL
25265-71-8	DIPROPYLENE GLYCOL (ISOMER UNSPECIFIED)
128-37-0	BUTYLATED HYDROXYTOLUENE
108-88-3	TOLUENE
106-68-3	3-OCTANONE

- Rhode Island : Hazardous substance list

CAS	Name
76-22-2	1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE
128-37-0	BUTYLATED HYDROXYTOLUENE
108-88-3	TOLUENE

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- TSCA (Toxic Substances Control Act) - USA

CAS	Name
99-87-6	P-CYMENE
99-86-5	P-MENTHA-1,3-DIENE
99-85-4	P-MENTHA-1,4-DIENE
99-83-2	ALPHA-PHELLANDRENE
99-49-0	CARVONE
98-79-3	L-2-PYRROLIDONE-5- CARBOXYLIC ACID (DELETED, SEE DECISION 2009/163/EC)
98-55-5	ALPHA-TERPINEOL
928663-45-0	SODIUM LAUROYL METHYL ISETHIONATE
89-82-7	PULEGONE
89-81-6	PIPERITONE
87-44-5	BETA-CARYOPHYLLENE
8000-48-4	EUCALYPTUS GLOBULUS OIL
80-56-8	ALPHA-PINENE
79-92-5	CAMPHENE
78-70-6	LINALOOL
7758-29-4	PENTASODIUM TRIPHOSPHATE
77-92-9	CITRIC ACID
76-49-3	BORNYL ACETATE
76-22-2	1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-ONE
73-32-5	L-ISO LEUCINE (DELETED, SEE DECISION 2004/357/EC)
72-17-3	SODIUM LACTATE
71-00-1	L-HISTIDINE
68815-56-5	DISODIUM LAURETH SULFOSUCCINATE
68515-73-1	D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES
68424-94-2	BETAINES, COCO ALKYLDIMETHYL
68155-09-9	COCAMIDOPROPYLAMINE OXIDE
68139-30-0	COCAMIDOPROPYL HYDROXSULTAINE
68039-49-6	2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXALDEHYDE
67634-14-4	3-(O-ETHYLPHENYL)-2,2-DIMETHYLPROPIONALDEHYDE
65-85-0	BENZOIC ACID
6485-40-1	L-CARVONE
63314-79-4	3-METHYL-5-CYCLOPENTADECEN-1-ONE
63-91-2	L-PHENYLALANINE
61789-40-0	COCAMIDOPROPYLBETAINE
5989-54-8	L-LIMONENE
5989-27-5	D-LIMONENE
589-98-0	3-OCTANOL
586-62-9	TERPINOLENE
562-74-3	TERPINEN-4-OL
56-84-8	ASPARTIC ACID 2-AMINOBUTANEDIOIC ACID
56-45-1	SERINE
56-41-7	L-ALANINE 2-AMINOPROPANOIC ACID
56-40-6	GLYCINE
54464-57-2	1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE
5392-40-5	CITRAL
53633-54-8	POLYQUATERNIUM-11
532-32-1	SODIUM BENZOATE
507-70-0	BORNEOL
502-61-4	ALPHA-FARNESENE
494-90-6	4,5,6,7-TETRAHYDRO-3,6-DIMETHYLBENZOFURAN
491-07-6	D,L-ISOMENTHONE
4864-61-3	3-OCTYL ACETATE
470-82-6	EUCALYPTOL
3338-55-4	CIS-BETA-OCIMENE
25265-71-8	DIPROPYLENE GLYCOL (ISOMER UNSPECIFIED)
25035-69-2	(META)ACRYLIC ESTER CO-POLYMER
2216-52-6	(+)-NEOMENTHOL

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2216-51-5	L-MENTHOL
20777-49-5	DIHYDROCARVYL ACETATE
20125-84-2	CIS-3-OCTEN-1-OL
1847-58-1	SODIUM LAURYL SULFOACETATE
178949-82-1	L-ASPARTIC ACID, N,N'-1,2-ETHANEDIYLBIS-, TRISODIUM SALT
147-85-3	L-PROLINEPYRROLIDINE-2-CARBOXYLIC ACID
141-27-5	GERANIAL
14073-97-3	L-MENTHONE
139504-68-0	1-[(2-TERT-BUTYL)CYCLOHEXYLOXY]-2-BUTANOL
138-86-3	DL-LIMONENE
13466-78-9	DELTA-3-CARENE
128-37-0	BUTYLATED HYDROXYTOLUENE
127-91-3	BETA-PINENE
124-13-0	OCTANAL
123-35-3	MYRCENE
122-99-6	2-PHENOXYETHANOL
115-95-7	LINALYL ACETATE
112-54-9	LAURIC ALDEHYDE
112-31-2	DECANAL
112-12-9	2-UNDECANONE
110615-47-9	D-GLUCOPYRANOSE, OLIGOMERIC, C10-16-ALKYL GLYCOSIDES
110-93-0	6-METHYL-5-HEPTEN-2-ONE
108-88-3	TOLUENE
106-68-3	3-OCTANONE
106-26-3	NERAL
106-25-2	NEROL
106-24-1	GERANIOL
106-23-0	CITRONELLAL
106-22-9	DL-CITRONELLOL
105-87-3	GERANYL ACETATE
104-21-2	P-ANISYL ACETATE
10339-55-6	3,7-DIMETHYL-1,6-NONADIEN-3-OL
103-95-7	2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE
101-86-0	ALPHA-HEXYLCINNAMALDEHYDE

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H320	Causes eye irritation.

Abbreviations :

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

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AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

GHS05 : Corrosion

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

HCS : Hazard Communication standard (OSHA).