



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

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

1.1. Product identifier

Product name : 3D LONGUE RÉMANENCE MIMOSA

Product code : 3445BIS.

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

1.3. Details of the supplier of the safety data sheet

Registered company name : PRODIFA.

Address : ZAE les dix Muids.59770.Marly.France.

Telephone : 03.27.28.19.19. Fax : 03.27.28.19.10.

info@prodifa.com

http://www.prodifa.com/

1.4. Emergency telephone number : 03.83.32.36.36.

Association/Organisation : Centre anti-poison de Nancy.

Other emergency numbers

London / National Poisons Information Service Guy's Hospital Poisons Unit, Avonley Road, London SE14 SER : (44) 71.955.50.95 Fax : (44) 71.639.21.01 Standard : (44) 71.635.91.91

Berlin / Toxikologischer Beratungsdienst (Poisons Information Centre) Institut für Pharmakologie und Toxikologie Humboldt Universität, Clara-Zetkinstr. 94, 1120 Berlin : (49)365.42.66 Standard : (49)365.33.53

Bruxelles (Brussel) / Centre Anti-Poisons Antigifcentrum Rue Joseph Stallaert 1, Boite 15, 1060 Bruxelles Ligne directe : (32)2.345.18.18 Fax : (32)2.347.58.60 Standard : (32)2.345.45.45

Madrid / Servicio de Informacion Toxicologica (Poisons Information Service) Instituto Nacional de Toxicologia, C/Luis Cabrera, 9, 28002 Madrid Ligne directe : (34) 1.562.84.68 Fax : (34) 1.563.69.24 Standard : (34) 1.562.04.20

Milan (Milano) / Centro Antiveleeni (Poisons Centre) Ospedale Niguarda Ca'Granda, Piazza Ospedale Maggiore 3, 20162 Milano Ligne directe : (39) 2.64.44.26.18 Fax : (39) 2.64.44.27.68 Standard : (39) 2.66.10.10.29

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

May produce an allergic reaction.

Aquatic environmental hazard, chronic toxicity: harmful (R 52/53).

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

This mixture does not present a health hazard.

2.2. Label elements

Biocidal detergent mixture (see section 15).

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Contains :

Contains 601-029-00-7 (R)-P-MENTHA-1,8-DIENE. May produce an allergic reaction.

Contains EC 202-983-3 ALPHA-HEXYL CINNAMIC ALDEHYDE (HCA). May produce an allergic reaction.

Contains EC 201-289-8 P-TERT-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE (LILIAL). May produce an allergic reaction.

Risk phrase :

R 52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.3. Other hazards

No data available.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

3.2. Mixtures**Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 68439-46-3 EC: POLYMER C9-C11 PARETH 6	GHS05 Dgr Eye Dam. 1, H318	Xn Xn;R22 Xi;R41		0 <= x % < 2.5
CAS: 68439-46-3 EC: POLYMER C9-C11 PARETH 8	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318	Xn Xn;R22 Xi;R41		0 <= x % < 2.5
INDEX: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 ETHANOL	GHS02 Dgr Flam. Liq. 2, H225	F F;R11		0 <= x % < 2.5
CAS: 68424-85-1 EC: 270-325-2 BENZALKONIUM CHLORIDE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400	C,N C;R34 Xn;R21/22 N;R50		0 <= x % < 2.5
CAS: 101-86-0 EC: 202-983-3 ALPHA-HEXYL CINNAMIC ALDEHYDE (HCA)	GHS07, GHS09 Wng Aquatic Chronic 2, H411 Skin Sens. 1, H317	Xi Xi;R38-R43		0 <= x % < 2.5
CAS: 80-54-6 EC: 201-289-8 P-TERT-BUTYL-ALPHA-METHYLHYDROCI NNAMIC ALDEHYDE (LILIAL)	GHS07, GHS08, GHS09 Wng Acute Tox. 4, H302 Aquatic Chronic 2, H411 Repr. 2, H361 Skin Irrit. 2, H315 Skin Sens. 1, H317	Xn,N Repr. Cat. 3;R62 Xn;R22 Xi;R38-R43 N;R51/53		0 <= x % < 2.5
INDEX: 601-029-00-7 CAS: 5989-27-5 EC: 227-813-5 (R)-P-MENTHA-1,8-DIENE	GHS02, GHS07, GHS09 Wng Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410	Xi,N Xi;R38-R43 N;R50/53 R10		0 <= x % < 2.5
INDEX: 603-212-00-7 CAS: 1222-05-5 EC: 214-946-9 1,3,4,6,7,8-HEXAHYDRO- 4,6,6,7,8,8-HEXAMETHYL- INDENO[5,6-C]PYRAN	GHS09 Wng Aquatic Chronic 1, H410	N N;R50/53		0 <= x % < 2.5

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 soft, clean water for 15 minutes holding the eyelids open.

In the event of swallowing :

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

Seek medical attention, 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
- carbon dioxide (CO₂)

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.

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 fire-fighters

Fire-fighters 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.

7.1. Precautions for safe handling

Always wash hands after handling.

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

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.

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 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

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm	-	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME :	VME :	Excess	Notes
64-17-5	500 ml/m ³	960 mg/m ³	2(II)	DFG. Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
64-17-5	1000	1900	5000	9500	-	84

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm	-	-	-	-

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



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 in accordance with standard EN166.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

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

- Body protection

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

General information :

Physical state : fluid liquid.
Odour: Mimosa

Important health, safety and environmental information

pH : 7.90 .
neutral.
Flash point interval : not relevant.
Vapour pressure : not relevant.
Density : 1
Water solubility : Soluble.

9.2. Other information

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

Avoid :
- frost

10.5. Incompatible materials

10.6. Hazardous decomposition products

The thermal decomposition may release/form :
- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Splashes in the eyes may cause irritation and reversible damage

11.1.1. Substances

Acute toxicity :

P-TERT-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE (LILIAL) (CAS: 80-54-6)
Oral route : DL50 = 1390 mg/kg

ALPHA-HEXYL CINNAMIC ALDEHYDE (HCA) (CAS: 101-86-0)
Oral route : DL50 = 3100 mg/kg

BENZALKONIUM CHLORIDE (CAS: 68424-85-1)
Oral route : DL50 > 200 mg/kg
Species : Rat

C9-C11 PARETH 8 (CAS: 68439-46-3)
Oral route : DL50 = 1200 mg/kg
Species : Rat

Dermal route : DL50 > 2000 mg/kg
Species : Rat

C9-C11 PARETH 6 (CAS: 68439-46-3)
Oral route : DL50 > 2000 mg/kg
Species : Rat

Dermal route : DL50 >= 2000 mg/kg
Species : Rat

Germ cell mutagenicity :

C9-C11 PARETH 6 (CAS: 68439-46-3)
No mutagenic effect.

Mutagenesis (in vitro) : Negative.

11.1.2. Mixture

Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

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

CAS 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

CAS 5989-27-5 : 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

Harmful to aquatic life with long lasting effects.

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

12.1. Toxicity

12.1.1. Substances

Substances classified as category 1 acute toxicity :

C9-C11 PARETH 8 (CAS: 68439-46-3)
Fish toxicity : Duration of exposure : 96 h
CL50 > 11 mg/l

Crustacean toxicity : Duration of exposure : 48 h
CE50 > 10 mg/l

Algae toxicity : Duration of exposure : 72 h
CEr50 = 47 mg/l

Aquatic plant toxicity :

C9-C11 PARETH 6 (CAS: 68439-46-3)
Fish toxicity : Duration of exposure : 96 h
CL50 >= 5 mg/l

Crustacean toxicity : Duration of exposure : 48 h
CE50 = 5.3 mg/l

Algae toxicity : Duration of exposure : 72 h
CEr50 > 1.4 mg/l

Substances classified as category 1 chronic toxicity :

C9-C11 PARETH 8 (CAS: 68439-46-3)
Fish toxicity : Duration of exposure : 96 h

	CL50 = 8.983 mg/l
Crustacean toxicity :	Duration of exposure : 96 h CE50 > 2.579 mg/l
Algae toxicity :	Duration of exposure : 72 h CEr50 > 0.03 mg/l
C9-C11 PARETH 6 (CAS: 68439-46-3)	
Fish toxicity :	Duration of exposure : 96 h CL50 = 8.983 mg/l
Crustacean toxicity :	Duration of exposure : 96 h CE50 = 2.579 mg/l
Algae toxicity :	Duration of exposure : 72 h CEr50 = 0.03 mg/l

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

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. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

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.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 - IMDG 2010 - ICAO/IATA 2012).

SECTION 15 : REGULATORY INFORMATION

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

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004, 907/2006) :

- less than 5 % : cationic surfactants
- less than 5 % : nonionic surfactants
- disinfectants
- perfumes

- Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC) :

Name	CAS	%	TP
BENZALKONIUM CHLORIDE	68424-85-1	7.70 g/kg	02

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.

Title for H, EUH and R indications mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361	Suspected of damaging fertility or the unborn child .
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
R 10	Flammable.
R 11	Highly flammable.
R 21/22	Harmful in contact with skin and if swallowed.
R 22	Harmful if swallowed.
R 34	Causes burns.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50	Very toxic to aquatic organisms.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 62.F3	Possible risk of impaired fertility.

Abbreviations :

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.

WGK : Wassergefährdungsklasse (Water Hazard Class).