

Name : **PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538**



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 : PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA

Product code : 3538.

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 Antiveleni (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 EC regulation No. 1272/2008 and its amendments.

Serious eye damage, Category 1 (Eye Dam. 1, H318).

May produce an allergic reaction (EUH208).

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 an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

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

May produce an allergic reaction.

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 with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Biocidal detergent mixture (see section 15).

Name : **PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538****In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

EC POLYMER C9-C11 PARETH 8

EC POLYMER C9-C11 PARETH 6

Additional labeling :

EUH208 Contains ALPHA-ISOMETHYL-IONONE. May produce an allergic reaction.

EUH208 Contains COUMARIN. May produce an allergic reaction.

Hazard statements :

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.

P103 Read label before use.

Precautionary statements - Prevention :

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

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 or doctor/physician.

2.3. Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
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
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
INDEX: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 ETHANOL	GHS02 Dgr Flam. Liq. 2, H225	F F;R11	[1]	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 M Acute = 1	C,N C;R34 Xn;R21/22 N;R50		0 <= x % < 2.5
CAS: 1506-02-1 EC: 216-133-4 6-ACETYL-1,1,2,4,4,7-HEXAMETHYLTETRA LINE (TONALIDE, FIXOLIDE, AHTN)	GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	Xn,N Xn;R22 N;R50/53		0 <= x % < 2.5
CAS: 127-51-5 EC: 204-846-3 ALPHA-ISOMETHYL-IONONE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411 Eye Irrit. 2, H319	Xi,N Xi;R36/38-R43 N;R51/53		0 <= x % < 2.5
CAS: 91-64-5 EC: 202-086-7 COUMARIN	GHS07 Wng Acute Tox. 4, H302 Skin Sens. 1B, H317	Xn Xn;R22 Xi;R43		0 <= x % < 2.5

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

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 exposure by inhalation :**

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

In the event of splashes or contact with eyes :

Wash thoroughly with soft, 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 :

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

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.

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

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

Name : **PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538**

- 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.

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.

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.

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.

Name : PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538**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****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/m3	960 mg/m3	2(II)	DFG. Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	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 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

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

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

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))

Name : PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538

Recommended properties :

- Impervious gloves in accordance with standard EN374

- 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.

Perfume

Red Fruits Prodifa

Important health, safety and environmental information

pH (aqueous solution) :

7 (à 1%)

pH :

7.40 1.

Neutral.

Flash point interval :

Not relevant.

Vapour pressure (50°C) :

Not relevant.

Density :

1g/cm3

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**

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.

11.1.1. Substances**Acute toxicity :**

COUMARIN (CAS: 91-64-5)

Oral route :

LD50 = 500 mg/kg

6-ACETYL-1,1,2,4,4,7-HEXAMETHYLTETRALINE (TONALIDE, FIXOLIDE, AHTN) (CAS: 1506-02-1)

Name : PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538

Oral route : LD50 = 1000 mg/kg

BENZALKONIUM CHLORIDE (CAS: 68424-85-1)

Oral route : LD50 > 200 mg/kg
Species : Rat

C9-C11 PARETH 6 (CAS: 68439-46-3)

Oral route : LD50 > 2000 mg/kg
Species : Rat

Dermal route : LD50 >= 2000 mg/kg
Species : Rat

C9-C11 PARETH 8 (CAS: 68439-46-3)

Oral route : LD50 = 1200 mg/kg
Species : Rat

Dermal route : LD50 > 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 91-64-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances**

C9-C11 PARETH 6 (CAS: 68439-46-3)

Fish toxicity : LC50 >= 5 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 5.3 mg/l
Duration of exposure : 48 h

Algae toxicity : ECr50 > 1.4 mg/l
Duration of exposure : 72 h

C9-C11 PARETH 8 (CAS: 68439-46-3)

Fish toxicity : LC50 > 11 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 > 10 mg/l
Duration of exposure : 48 h

Algae toxicity : ECr50 = 47 mg/l

Name : PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538

Duration of exposure : 72 h

Aquatic plant toxicity :

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances**

C9-C11 PARETH 6 (CAS: 68439-46-3)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

C9-C11 PARETH 8 (CAS: 68439-46-3)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential**12.3.1. Substances**

C9-C11 PARETH 6 (CAS: 68439-46-3)

Octanol/water partition coefficient :

log K_{ow} ≥ 4.

Bioaccumulation :

BCF ≥ 500.

C9-C11 PARETH 8 (CAS: 68439-46-3)

Octanol/water partition coefficient :

log K_{ow} ≥ 4.

Bioaccumulation :

BCF ≥ 500.

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.

Name : PRODIFLORE 3D LONGUE REMANENCE FRUITS ROUGES PRODIFA - 3538**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 2013 - IMDG 2012 - ICAO/IATA 2014).

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Regulation EC 1272/2008 modified by regulation EC 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

- Container information:

No data available.

- 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
- allergenic fragrances :
alpha-isomethyl-ionone
linalool
butylphenyl methylpropional
coumarin

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

Name	CAS	%	Product-type
BENZALKONIUM CHLORIDE	68424-85-1	7.26 g/kg	02
ETHANOL	64-17-5	14.36 g/kg	02

Product-type 2 : Disinfectants and algacides not intended for direct application to humans or animals.

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.

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

Contains :

Contains EC 204-846-3 ALPHA-ISOMETHYL-IONONE. May produce an allergic reaction.

Contains EC 202-086-7 COUMARIN. May produce an allergic reaction.

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

H225	Highly 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.
H319	Causes serious eye irritation.
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 11	Highly flammable.
R 21/22	Harmful in contact with skin and if swallowed.
R 22	Harmful if swallowed.
R 34	Causes burns.
R 36/38	Irritating to eyes and 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.

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).
GHS05 : Corrosion