

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2
Revision date: 13/03/2017

Page 1 of 10
Print date: 13/03/2017

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

1.1 Product identifier.

Product Name: FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO
Product Code: BPTM 5321

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

Softener for clothes

Uses advised against: Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: **AGRADO COSMETIC CARE 3000 S.L.U.**
Address: Pol. Ind. Los Vientos - Parcela 34, C/Zéfir, s/n.
City: 46119, Nàquera
Province: Valencia
Telephone: (+34) 96 139 92 41
Fax: (+34) 96 139 92 46
E-mail: info@agradocosmetic.com
Web: www.agradocosmetic.com

1.4 Emergency telephone number: (+34) 96 139 92 41 (Only available during office hours; Monday-Friday; 08:00-18:00)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

2.2 Label elements.

P statements:

P102 Keep out of the reach of children.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Do not store this product near food.
Do not ingest.

2.3 Other hazards.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not Applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	specific concentration limit
Index No: 603-117-00-0 CAS No: 67-63-0 EC No: 200-661-7 Registration No: 01-2119457558-25-XXXX	[1] Isopropyl alcohol	>= 1% < 5%	Eye Irrit. 2, H319 - Flam. Liq. 2, H225 - STOT SE 3, H336	-

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2
Revision date: 13/03/2017

Page 2 of 10
Print date: 13/03/2017

Index No: 613-088-00-6 CAS No: 2634-33-5 EC No: 220-120-9	Benzisothiazolinone	< 0,01%	Acute Tox. 4 *, H302 - Aquatic Acute 1, H400 - Eye Dam. 1, H318 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	Skin Sens. 1, H317: C ≥ 0,05 %
CAS No: 2682-20-4 EC No: 220-239-6	Methylisothiazolinone	< 0,01%	Acute Tox. 3, H311 - Acute Tox. 3, H301 - Aquatic Acute 1, H400 - Eye Dam. 1, H318 - Skin Corr. 1B, H314 - Skin Sens. 1, H317 - STOT SE 3, H335	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[1] Substance with a Community workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

Eye contact.

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

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

No known acute or delayed effects from exposure to the product.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

SECTION 5: FIREFIGHTING MEASURES.

5.1 Extinguishing media.

Recommended extinguishing methods.

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

5.2 Special hazards arising from the mixture.

Special risks.

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2
Revision date: 13/03/2017

Page 3 of 10
Print date: 13/03/2017

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate decontaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

The product does not require special storage measures.

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and from highly acidic or alkaline materials.

Store the containers between 5 and 35° C, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
Isopropyl alcohol	67-63-0	United Kingdom [1]	Eight hours	400	999
			Short term	500	1250

[1] According Limit Value (IOELV) list in 2nd Indicative Occupational Exposure adopted by Health and Safety Executive.

The product does NOT contain substances with Biological Limit Values.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
COSMETIC

Version: 2

Revision date: 13/03/2017

Page 4 of 10

Print date: 13/03/2017

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Isopropyl alcohol N. CAS: 67-63-0 N. CE: 200-661-7	DNEL (Workers)	Inhalation, Long-term, Systemic effects	500 (mg/m ³)
	DNEL (General population)	Inhalation, Long-term, Systemic effects	89 (mg/m ³)
	DNEL (Workers)	Dermal, Long-term, Systemic effects	888 (mg/kg bw/day)
	DNEL (General population)	Dermal, Long-term, Systemic effects	319 (mg/kg bw/day)
	DNEL (General population)	Oral, Long-term, Systemic effects	26 (mg/kg bw/day)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

Concentration levels PNEC:

Name	Details	Value
Isopropyl alcohol N. CAS: 67-63-0 N. CE: 200-661-7	aqua (freshwater)	140,9 (mg/L)
	aqua (marine water)	140,9 (mg/L)
	aqua (intermittent releases)	140,9 (mg/L)
	sediment (freshwater)	552 (mg/kg sediment dw)
	sediment (marine water)	552 (mg/kg sediment dw)
	Soil	28 (mg/kg soil dw)
	PNEC STP	2251 (mg/L)
	PNEC oral (Hazard for predators)	160 (mg/kg food)

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	Softener for clothes
Breathing protection:	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
Hand protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Eye protection:	
If the product is handled correctly, no individual protection equipment is necessary.	
Skin protection:	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance: Opacified viscous liquid

Colour: blue

Odour: Characteristic of perfume

Odour threshold: N.A./N.A.

pH: 3,0±1

Melting point: N.A./N.A.

Boiling Point: N.A./N.A.

Flash point: N.A./N.A.

Evaporation rate: N.A./N.A.

Inflammability (solid, gas): Not flammable

Lower Explosive Limit: N.A./N.A.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 13/03/2017

Page 5 of 10

Print date: 13/03/2017

Upper Explosive Limit: N.A./N.A.
Vapour pressure: N.A./N.A.
Vapour density: N.A./N.A.
Relative density: 1,000±0,010 g/cm³
Solubility: N.A./N.A.
Liposolubility: N.A./N.A.
Hydrosolubility: Soluble
Partition coefficient (n-octanol/water): N.A./N.A.
Auto-ignition temperature: N.A./N.A.
Decomposition temperature: N.A./N.A.
Viscosity: 80±15 cps
Explosive properties: Not explosive
Oxidizing properties: Not comburente
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

9.2 Other information.

Pour point: N.A./N.A.
Blink: N.A./N.A.
Kinematic viscosity: N.A./N.A.
N.A./N.A.= Not Available/Not Applicable due to the nature of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Unstable in contact with:
- Bases.

10.3 Possibility of hazardous reactions.

Neutralization can occur on contact with bases.

10.4 Conditions to avoid.

- Avoid contact with bases.

10.5 Incompatible materials.

Avoid the following materials:
- Bases.

10.6 Hazardous decomposition products.

Depending on conditions of use, can be generated the following products:
- Corrosive vapors or gases.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.
Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Name	Acute toxicity			
	Type	Test	Kind	Value
Isopropyl alcohol	Oral	LD50	Rat	5050 mg/kg bw [1]
		LD50	Rat	5840 mg/kg bw [2]

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 13/03/2017

Page 6 of 10

Print date: 13/03/2017

CAS No: 67-63-0 EC No: 200-661-7		[1] <i>Gigiene i Sanitariya</i> . For English translation, see HYSAAV. Vol. 43(1), Pg. 8, 1978 [2] FURTHER EXPERIENCE WITH THE RANGE FINDING TEST IN THE INDUSTRIAL TOXICOLOGY LABORATORY, <i>J Ind Hyg Toxicol</i> 30(1):63-68
	Dermal	LD50 Rabbit 12800 mg/kg bw [1] LD50 Rabbit 16.4 mL/kg bw [2] [1] Raw Material Data Handbook, Vol.1: Organic Solvents, 1974. Vol. 1, Pg. 100, 1974 [2] FURTHER EXPERIENCE WITH THE RANGE FINDING TEST IN THE INDUSTRIAL TOXICOLOGY LABORATORY, <i>J Ind Hyg Toxicol</i> 30(1):63-68
	Inhalation	LC50 Rat >10000 ppm (6 h) [1] [1] OECD Guideline 403 (Acute Inhalation Toxicity), study report, 1991
1,2-benzisothiazol-3(2H)-one,1,2-benzisothiazolin-3-one CAS No: 2634-33-5 EC No: 220-120-9	Oral	LD50 Rat 1020 mg/kg bw [1] [1] Pharmacological Research Communications. Vol. 3, Pg. 385, 1971
	Dermal	
	Inhalation	

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;

Based on available data, the classification criteria are not met.

c) serious eye damage/irritation;

Based on available data, the classification criteria are not met.

d) respiratory or skin sensitisation;

Based on available data, the classification criteria are not met.

e) germ cell mutagenicity;

Not conclusive data for classification.

f) carcinogenicity;

Not conclusive data for classification.

g) reproductive toxicity;

Not conclusive data for classification.

h) STOT-single exposure;

Based on available data, the classification criteria are not met.

i) STOT-repeated exposure;

Not conclusive data for classification.

j) aspiration hazard;

Not conclusive data for classification.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
COSMETIC

Version: 2

Revision date: 13/03/2017

Page 7 of 10

Print date: 13/03/2017

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity			
	Type	Test	Kind	Value
Isopropyl alcohol	Fish	LC50	Fish Pimephales	9640 mg/l (96 h) [1]
		LC50	promelas	10000 mg/l (96 h) [2]
		LC50	Leuciscus idus melanotus	8970 mg/l (48 h) [3]
CAS No: 67-63-0 EC No: 200-661-7	Aquatic invertebrates	LC50	Crustacean	1400 mg/l (48 h) [1]
		EC50	Daphnia magna	9714 mg/L (24 h) [2]
		LC50	Crangon crangon	1150 ppm (96 h) [3]
Benzisothiazolinone	Aquatic plants	Toxicity threshold	Scenedesmus	1800 mg/L (7 d) [1]
		Toxicity threshold	quadricauda	1000 mg/l (8 d) [2]
		concentration	aeruginosa	
CAS No: 2634-33-5 EC No: 220-120-9	Fish	LC50	Fish	10 mg/l (96 h) [1]
		EC50	Crustacean	4,4 mg/l (48 h) [1]

[1] Brooke, L.T., D.J. Call, D.L. Geiger, and C.E. Northcott 1984. Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Vol. 1. Center for Lake Superior Environmental Stud., Univ. of Wisconsin-Superior, Superior, WI :414

[2] The 96 hour LC50 method is described by the US Environmental Protection Agency Committee on Methods for Toxicity Tests with Aquatic Organisms 1975.

[3] Not GLP. According to guideline. Although some details (concentrations, light period, pH and O2 measurement, controls, and replicates) are not reported, the study meets generally accepted scientific principles.

[1] Blackman, R.A.A. 1974. Toxicity of Oil-Sinking Agents. Mar.Pollut.Bull. 5:116-118

[2] Not GLP, no guideline followed, although it is similar to the most recent OECD 202 with some deviations, which did not affect results. It contains all the information necessary for the evaluation.

[3] Toxicity of oil-sinking agents, Marine Pollution Bulletin 5:88, 116-118, 1974

[1] Comparison of the Toxicity Thresholds of Water Pollutants to Bacteria, Algae, and Protozoa in the Cell Multiplication Inhibition Test, Water Research Vol. 14. pp. 231 to 241

[2] Not GLP, not guideline compliant. Growth inhibition expressed as a function of relative turbidity determined at the end of the study (8 d) and TS concentration. Oxygen concentration not measured. Procedure in accordance with generally accepted standards.

[1] Linden, E., B.E. Bengtsson, O. Svanberg, and G. Sundstrom 1979. The Acute Toxicity of 78 Chemicals and Pesticide Formulations Against Two Brackish Water Organisms, the Bleak (Alburnus alburnus) and the Harpacticoid Nitocra spinipes. Chemosphere 8(11/12):843-851 (Author Communication Used) (OECDG Data File)

[1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 13/03/2017

Page 8 of 10

Print date: 13/03/2017

Methylisothiazolinone CAS No: 2682-20-4 EC No: 220-239-6	Fish	LC50 Fish 0,19 mg/l (96 h) [1] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C
	Aquatic invertebrates	LC50 Crustacean 0,056 mg/l (48 h) [1] [1] Office of Pesticide Programs 2000. Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). Environmental Fate and Effects Division, U.S.EPA, Washington, D.C
	Aquatic plants	

12.2 Persistence and degradability.

No information is available about persistence and degradability of the product.

The components of the product comply with the biodegradability criteria of Regulation (EC) No 648/2004 on detergents.

12.3 Bioaccumulative potential.

Information about the bioaccumulation of the substances present.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level
Isopropyl alcohol N. CAS: 67-63-0 EC No: 200-661-7	0,05	-	-	Very low

12.4 Mobility in soil.

No information is available about the mobility in soil.

The product must not be allowed to go into sewers or waterways.

Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

SECTION 13 DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

14.1 UN number.

Transportation is not dangerous.

14.2 UN proper shipping name.

Description:

ADR: Transportation is not dangerous.

IMDG: Transportation is not dangerous.

ICAO: Transportation is not dangerous.

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 13/03/2017

Page 9 of 10

Print date: 13/03/2017

14.3 Transport hazard class(es).

Transportation is not dangerous.

14.4 Packing group.

Transportation is not dangerous.

14.5 Environmental hazards.

Transportation is not dangerous.

14.6 Special precautions for user.

Transportation is not dangerous.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.

Transportation is not dangerous.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

The product complies with Regulation (EC) No 648/2004 on detergents.

Contains in accordance with Regulation (EC) No 648/2004 on detergents:

cationic surfactants

5-15%

perfumes

Preservation agents: BENZISOTHIAZOLINONE; METHYLISOTHIAZOLINONE
Allergens: LIMONENE; HEXYL CINNAMAL; BUTYLPHENYL METHYLPROPIONAL

The product is not affected by Directive 2012/18/EU (SEVESO III).

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic 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.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.

Classification codes:

Acute Tox. 3 [Dermal] : Acute toxicity (Dermal), Category 3

Acute Tox. 3 [Oral] : Acute toxicity (Oral), Category 3

SAFETY DATA SHEET

(in accordance with Regulation (EU) 2015/830)

BPTM 5321-FLORAL CONCENTRATED FABRIC SOFTENER MAYORDOMO

AGRADO
C O S M E T I C

Version: 2

Revision date: 13/03/2017

Page 10 of 10

Print date: 13/03/2017

Acute Tox. 4 [Oral] : Acute toxicity (Oral), Category 4
Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1
Eye Dam. 1 : Serious eye damage, Category 1
Eye Irrit. 2 : Eye irritation, Category 2
Flam. Liq. 2 : Flammable liquid, Category 2
Skin Corr. 1B : Skin Corrosive, Category 1B
Skin Irrit. 2 : Skin irritant, Category 2
Skin Sens. 1 : Skin sensitiser, Category 1
STOT SE 3 : Specific target organ toxicity following a single exposure, Category 3

It is recommended that the product only be employed for the purposes advised.

Abbreviations and acronyms used:

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

EC50: Half maximal effective concentration.

PPE: Personal protection equipment.

LC50: Lethal concentration, 50%.

LD50: Lethal dose, 50%.

Log Pow: Logarithm of the partition octanol-water.

NOEC: No observed effect concentration.

PNEC: Predicted No Effect Concentration, concentration of the substance below which adverse effects are not expected in the environmental compartment.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.