

C.7 COTON

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 - Product identifier

Trade name/designation C.7 COTON

Chemical name

Product-type Mixture

Product code 602080

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

Relevant identified uses

- Natural home fragrance labeled by ECOCERT Greenlife according to the ECOCERT "Candles and home fragrances" standard available on <http://parfumsdinterieur.ecocert.com>.
- ready-for-use product
- Room spray
- Deodorizer
- For professional use only

Uses advised against

- Do not use for private purposes (household).
- Do not spray on flames or incandescent objects.

1.3 - Details of the supplier of the safety data sheet

IPC - 10 Quai Malbert

29200 BREST France

Tél : +33(0)2.98.43.45.44

Fax : +33 (0)2.98.44.22.53

ipc@groupe-ipc.com

1.4 - Emergency telephone number

- Poison Centre. Tel: 111 0845 4647

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 3	Flammable liquid and vapour. - Category 3
Eye Irrit. 2	Eye irritation - Category 2

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : Warning

Hazard pictograms



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Hazard statements

H226	Flammable liquid and vapour
H319	Causes serious eye irritation

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local regulation.

EUH-phrases

EUH208	Contains (5392-40-5) (115-95-7) linalool (78-70-6) . May produce an allergic reaction
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Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:

- perfumes
- CITRAL
- LINALYL ACETATE
- LINALOOL
- CITRAL
- D-LIMONENE
- ---
- GERANYL ACETATE

2.3 - Other hazards

PBT-substance. - No substance present at more than 0.1% meets the criteria for classification as a PBT substance according to annex XIII of REACH regulation (EU) n ° 1907/2006

vPvB-substance. - No substance present at more than 0.1% meets the criteria for classification as a vPvB substance in accordance with Annex XIII of REACH Regulation (EU) No. 1907/2006

Other hazards which do not result in classification - No substance is known to have endocrine disrupting properties in accordance with Regulation (EU) 2017/2100

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

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Chemical name	No.	%	Class(es)	Specific concentration limit
ETHANOL INCI: ALCOHOL	CAS No. : 64-17-5 Index No. : 603-002-00-5 EC No. : 200-578-6 REACH No. : 01-2119457610-43-XXXX	30 - 55	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225	Eye Irrit. 2 - H319 : 50<=%<=100
INCI: CITRAL	CAS No. : 5392-40-5 Index No. : 605-019-00-3 EC No. : 226-394-6 REACH No. : 01-2119462829-23-XXXX	0,1 - 1	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
INCI: LINALYL ACETATE	CAS No. : 115-95-7 Index No. : EC No. : 204-116-4 REACH No. : 01-2119454789-19-XXXX	0,1 - 1	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable
linalool INCI: LINALOOL	CAS No. : 78-70-6 Index No. : EC No. : 201-134-4 REACH No. : 01-2119474016-42-XXXX	0,1 - 1	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315 Skin Sens. 1B - H317	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Provide fresh air.

Following skin contact - When in doubt or if symptoms are observed, get medical advice.

After eye contact - In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

- 1 - NEVER make the victim VOMITING or DRINKING
- 2 - Immediately call a doctor or the Poison Control Centre, specifying the product.
- 3 - Take the victim outside and keep him/her at rest in a position where he/she can breathe comfortably.
- 4 - If vomiting occurs, hold the head down to prevent vomit from entering the lungs.
- 5- In the event of ingestion, if the quantity is small (no more than one sip), rinse your mouth with water and consult a doctor.
- 6- In geval van accidentele inname, bel een arts of het antigifcentrum dat het product specificeert om de wenselijkheid van controle en daaropvolgende behandeling in een ziekenhuisomgeving te beoordelen, indien nodig.

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

Symptoms and effects - Following inhalation - The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.

Symptoms and effects - Following skin contact - The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.

Symptoms and effects - After eye contact - The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.

Symptoms and effects - After ingestion - The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.

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

- Consult your doctor and show him this safety data sheet

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SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- 1 - Class B lights:
- 2 - Powder extinguisher (dry multipurpose ABC and BC powder)
- 3 - CO2 fire extinguisher
- 4 - Water with AFFF (Floating Film Forming Agent) additive
- 5 - Foam
- 6 - Sand
- 7 - Fire blanket

Unsuitable extinguishing media

- 1 - Water spray extinguishers without additives, except for flammable fires with a flashpoint above 100°C
- 2 - Water jet spray
- 3 - Water should not be used on liquids less dense than water

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- A fire will often produce thick black smoke. Exposure to decomposition products can cause health risks

Hazardous decomposition products

- Do not breathe fumes. Combustion products may contain carbon monoxide, carbon dioxide (CO₂), nitrogen oxide (NO), nitrogen dioxide (NO₂)

5.3 - Advice for firefighters

- * Main fire-fighting measures:

- 1- The intervention must be carried out wearing boots, gloves, eye and face protection, a self-contained breathing apparatus and a suit adapted to the chemical substances
- 2- Remove the fuel.
- 3- Prevent the containers from heating up by using water curtains or a heat shield.
- 4- Isolate the impacted area.
- 5- Adapting extinguishing measures to the surrounding environment
- 6- Do not allow extinguishing water to enter drains and waterways, treat as hazardous waste.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- *Procedure in the event of a spill
- 1- Alert / evacuate people in the immediate area.
- 2- Cut off the source of the spill and sources of ignition and heat
- 3- Schließen Sie die Türen oder sperren Sie den Bereich mit Klebeband ab.
- 4- Put on the appropriate personal protective equipment (see section 8).
- 5'- Confine and cover the spill with suitable absorbent aggregates (see 6.3).
- 6'- Collect the absorbent aggregates in a drum for disposal (see section 13). Thoroughly clean the soiled area with water.

For emergency responders

- Rescuers are equipped with appropriate personal protective equipment (see section 8).

6.2 - Environmental precautions

- 1 - Avoid release to the environment.

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- 2 - Prevent run-off into waterways, sewers, basements or enclosed spaces
- 3 - Contain and collect spills with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth in drums for waste disposal
- 4 - Waste from cleaning up the spill should be treated as hazardous waste.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- * Set up a protective enclosure: use socks, absorbent sheets and pads for minor spills and booms, absorbent rolls for major spills.
- * Contain and collect spills with non-combustible absorbent materials in drums for waste disposal.
- * Sewer covers: use blanket covers, unless the building is on retention and the sewers are connected to retention tanks.

Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4 - Reference to other sections

- * Refer to Section 13 for the management of contaminated absorbents
- * See section 4 for first aid measures
- * See section 5 for fire-fighting measures
- * See section 8 for personal protective equipment

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- It is recommended to design all work processes always so that the following is excluded: Eye contact
- Ensure adequate ventilation, especially in confined areas

Advices on general occupational hygiene

- * Avoid contact with eyes.
- * Read the label or leaflet before use and follow the specific instructions for each use.
- * Wash your hands after each use
- * Wash soiled clothing before reuse.
- * The work clothes used must not be worn outside the work area.
- * Do not eat, drink, smoke or snuff during use.

7.2 - Conditions for safe storage, including any incompatibilities

- * Keep container tightly closed and in a well-ventilated place.
- * Store at room temperature in the original packaging tightly closed
- * Prohibit access to unauthorized persons.
- * Protect against: High heat
- * Store away from any source of heat and incompatible materials (see section 10).
- * Shelf life: 48 months

7.3 - Specific end use(s)

- For more information on the use of the product, see the technical data sheet and the label.

SECTION 8: Exposure controls/personal protection

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8.1 - Control parameters

DNEL / PNEC

ETHANOL (64-17-5)			
Type	Value	User	Effect
DNEL long-term oral (repeated)	87 mg/kg bw/day	Consumers	Systemic
DNEL acute inhalative	1900 mg/m ³	Workers	Local
DNEL acute inhalative	950 mg/m ³	Consumers	Local
DNEL long-term inhalative	950 mg/m ³	Workers	Systemic
DNEL long-term inhalative	114 mg/m ³	Consumers	Systemic
DNEL long-term dermal	206 mg/kg bw/day	Consumers	Systemic
DNEL long-term dermal	343 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,96 mg/l		
PNEC aquatic, marine water	0,79 mg/l		
PNEC aquatic, intermittent release	2,75 mg/l		
PNEC sediment, freshwater	3,6 mg/kg		
PNEC sediment, marine water	2,9 mg/kg		
PNEC soil	0,63 mg/kg		
PNEC Secondary Poisoning	720 mg/kg		
PNEC sewage treatment plant (STP)	580 mg/l		
(5392-40-5)			
Type	Value	User	Effect
DNEL long-term oral (repeated)	0,6 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	9 mg/m ³	Workers	Systemic
DNEL long-term inhalative	2,7 mg/m ³	Consumers	Systemic
DNEL long-term dermal	1,7 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	1 mg/kg bw/day	Consumers	Systemic
DNEL long-term dermal	0,14 mg/kg bw/day	Workers	Local
DNEL long-term dermal	0,14 mg/kg bw/day	Consumers	Local
PNEC aquatic, freshwater	0,00678 mg/l		
PNEC aquatic, marine water	0,000678 mg/l		
PNEC aquatic, intermittent release	0,0678 mg/l		
PNEC sediment, freshwater	0,125 mg/kg		
PNEC sediment, marine water	0,0125 mg/kg		
PNEC soil	0,0209 mg/kg		
PNEC sewage treatment plant (STP)	1,6 mg/l		
(115-95-7)			
Type	Value	User	Effect
DNEL long-term oral (repeated)	0,2 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	2,75 mg/m ³	Workers	Systemic
DNEL long-term inhalative	0,68 mg/m ³	Consumers	Systemic
DNEL acute dermal, short-term	0,2362 mg/cm ²	Workers	Local
DNEL acute dermal, short-term	0,2362 mg/cm ²	Consumers	Local
DNEL long-term dermal	1,25 mg/kg bw/day	Consumers	Systemic
DNEL long-term dermal	2,5 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	0,2362 mg/cm ²	Consumers	Local
DNEL long-term dermal	0,2362 mg/cm ²	Workers	Local
PNEC aquatic, freshwater	0,011 mg/l		
PNEC aquatic, marine water	0,0011 mg/l		
PNEC aquatic, intermittent release	0,11 mg/l		
PNEC sediment, freshwater	0,609 mg/kg		
PNEC sediment, marine water	0,0609 mg/kg		
PNEC soil	0,115 mg/kg		
PNEC sewage treatment plant (STP)	1 mg/l		

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linalool (78-70-6)			
Type	Value	User	Effect
DNEL long-term oral (repeated)	2,49 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	24,58 mg/m ³	Workers	Systemic
DNEL long-term inhalative	4,33 mg/m ³	Consumers	Systemic
DNEL long-term dermal	3,5 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	1,25 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	0,2 mg/l		
PNEC aquatic, marine water	0,02 mg/l		
PNEC aquatic, intermittent release	2 mg/l		
PNEC sediment, freshwater	2,22 mg/kg		
PNEC sediment, marine water	0,222 mg/kg		
PNEC soil	0,327 mg/kg		
PNEC Secondary Poisoning	7,8 mg/kg		
PNEC sewage treatment plant (STP)	10 mg/l		

8.2 - Exposure controls

Appropriate engineering controls

- 1 - Ensure adequate ventilation of the storage area.
- 2 - Maintain the premises and workstations in a perfect state of cleanliness and clean them frequently
- 3 - Store personal protective equipment in a clean place, away from the work area.
- 4 - Use clean and properly maintained personal protective equipment. Check the condition before use.

Individual protection measures, such as personal protective equipment

- Eye protection: when liquid transfer takes place
- If the product is used under normal conditions of use, wearing PPE is not necessary.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Clear liquid
<u>Colour</u>	colourless	<u>Odour</u>	Fresh - lemony - sweet
Odour threshold	No data available		
pH	7,5 < V < 9,5 pH-meter Mettler Toledo Five Easy, 20°C		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	23 °C		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	No data available		
Upper explosion limit	No data available		
Vapour pressure	No data available		
Vapour density	No data available		

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Relative density	0,9 < V < 0,92 @ 20 °C
Density	No data available
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	56,359 %
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.
- When exposed to high temperatures, the mixture may release hazardous decomposition products, such as carbon monoxide, fumes, nitrogen oxide

10.4 - Conditions to avoid

- Keep away from heat.
- In case of warming: Ignition hazard
- Do not mix with other products
- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

10.5 - Incompatible materials

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- Oxidising agent
- Incompatible with strong acids and strong oxidants
- Nitrile
- polyurethane
- polyvinyl chloride
- Tygon

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.
- Refer to section 5.2 for combustion products.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

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

Toxicity : Substances

ETHANOL (64-17-5)	
LD50 oral (rat)	> 5000 mg/kg OCDE 401
LD50 dermal (rabbit)	> 20000 mg/kg OCDE 402
LC50 inhalation vapours (rat)	> 8000 mg/l / 4h OCDE 403
(5392-40-5)	
LD50 oral (rat)	4960 mg/kg
LD50 dermal (rabbit)	2250 mg/kg
(115-95-7)	
LD50 oral (rat)	13934 mg/kg
LD50 dermal (rabbit)	> 5000 mg/kg
linalool (78-70-6)	
LD50 oral (rat)	2200 mg/kg
LD50 dermal (rabbit)	5610 mg/kg
LC50 inhalation vapours (rat)	3,2 mg/l souris

Skin corrosion/irritation - Not classified

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Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- The substance/mixture does not contain ingredients considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or more.

- Interaction effects of substances in the mixture: No data on interaction effects of

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- The mixture does not meet the criteria for acute aquatic toxicity according to Annex I of Regulation (EC) No. 1272/2008 [CLP].

Toxicity : Substances

ETHANOL (64-17-5)	
EC50 48 hr crustacea	12340 mg/l (Daphnia magna (Grande daphnie); 48 h)
LC50 96 hr fish	13500 mg/l < V < 15300 mg/l (Pimephales promelas)
ErC50 algae	275 mg/l (Chlorella vulgaris) 72 h
ErC50 other aquatic plants	4432 mg/l < V < 5967 mg/l
NOEC chronic fish	250 mg/l

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NOEC chronic crustacea	> 10 mg/l (Daphnia magna) 21 jours
NOEC chronic algae	3240 mg/l (Skeletonema costatum)
(5392-40-5)	
EC50 48 hr crustacea	6,8 mg/l
LC50 96 hr fish	6,78 mg/l
ErC50 algae	103,84 mg/l 72 h algues d'eau douce
NOEC chronic fish	4,6 mg/l
(115-95-7)	
EC50 48 hr crustacea	59 mg/l
LC50 96 hr fish	11 mg/l
ErC50 algae	68 mg/l 72 h algues d'eau douce
NOEC chronic crustacea	25 mg/l
NOEC chronic algae	3,9 mg/l 72 h algues d'eau douce
linalool (78-70-6)	
EC50 48 hr crustacea	59 mg/l (Daphnia magna)
LC50 96 hr fish	27,8 mg/l (Oncorhynchus mykiss (Truite arc-en-ciel); 96 h) (Essai en dynamique; FIFRA Guideline 72-1)
ErC50 algae	88,3 mg/l (Desmodemus subspicatus(algues vertes)) 96h
NOEC chronic fish	3,5 mg/l (Oncorhynchus mykiss (Truite arc-en-ciel); 96 h) (Essai en dynamique; FIFRA Guideline 72-1)
NOEC chronic crustacea	25 mg/l (Daphnia pulex (Daphnie); 48 h) (Essai en statique; FIFRA Guideline 72-1)

12.2 - Persistence and degradability

Mixture

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

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Substances

ETHANOL (64-17-5)	
Biochemical oxygen demand (BOD)	1067 mg/g < V < 1236 mg/g
Chemical oxygen demand (COD)	1990 mg/l
% of biodegradation in 28 days	100 %
(115-95-7)	
% of biodegradation in 28 days	100 % Facilement biodégradable
linalool (78-70-6)	
% of biodegradation in 28 days	100 % Facilement biodégradable 13 jours - ZAHN-WELLENS TEST OCDE N° 302B

12.3 - Bioaccumulative potential

Mixture

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

Substances

ETHANOL (64-17-5)	
Log KOC	-0,35 @20°C
(5392-40-5)	
Log KOC	2,76 @25°C
(115-95-7)	
Log KOC	2,76 @25°C
linalool (78-70-6)	
Log KOC	2,9 @25°C

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- No substance present at more than 0.1% meets the criteria for classification as a PBT substance according to annex XIII of REACH regulation (EU) n ° 1907/2006

- No substance present at more than 0.1% meets the criteria for classification as a vPvB substance in accordance with Annex XIII of REACH Regulation (EU) No. 1907/2006

12.6 - Endocrine disrupting properties

- This mixture does not contain substances with endocrine disrupting properties for non-target organisms, as they do not meet the criteria set out in part B of Regulation (EU) 2017/2100

12.7 - Other adverse effects

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- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods

- 1- Appropriate waste management of the mixture and/or its container must be determined in accordance with the provisions of Directive 2008/98/EC.
- 2- Afvalbeheer gebeurt zonder de menselijke gezondheid in gevaar te brengen en zonder het milieu te schaden, en in het bijzonder zonder een risico te vormen voor water, lucht, bodem, fauna of flora.
- 3- Recycle or eliminate in accordance with the legislation in force, preferably by a collector or an approved company.
- 4- Do not contaminate the ground or water with waste, do not dispose of it in the environment.
- 5- Soiled packaging: Completely empty the container. Keep the label on the container. Give to a certified disposal contractor
- Waste code for the product: 16 03 05*
- Waste code for packaging: 15 01 10* (Packaging containing residues of or contaminated by dangerous substances)

Sewage disposal

- Do not discharge into drains or waterways

Special precautions for waste treatment

- * Respect the method of treatment taking into account the "Waste Hierarchy": (Waste Framework Directive)
- 1. Prevention (reducing consumption, extending life, reducing the harmful effects of the waste or the content of harmful substances)
- 2. Preparation for re-use (checking, cleaning or repairing for recovery of waste for re-use without pre-treatment)
- 3. Recycling (reprocessing of waste into products, materials or substances for their original function or for other purposes)
- 4. Other recovery, including energy recovery (making the waste replace materials that would have been used, or fuels for energy recovery)
- 5. Disposal (any operation that is not recovery)

Community or national or regional provisions

- For waste disposal, contact the relevant authorised waste disposal service.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR) : UN1170
UN number (RID) : UN1170
UN number (IMDG) : UN1170

14.2 - UN proper shipping name

UN proper shipping name (ADR) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
UN proper shipping name (RID) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
UN proper shipping name (IMDG) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 3

ADR Classification code: : F1

Pictograms



Transport hazard class(es) (RID) : 3

Pictograms



Transport hazard class(es) (IMDG) : 3

Pictograms



14.4 - Packing group

Packing group : III

Packing group (RID) : III

Packing group (IMDG) : III

14.5 - Environmental hazards

Environmental hazards : No

Marine pollutant : No

14.6 - Special precautions for user

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ADR

<u>ADR Classification code:</u>	:	F1
<u>ADR Special provisions</u>	:	144+601
<u>ADR Limited quantity (LQ)</u>	:	5L
<u>ADR Excepted quantities</u>	:	E1
<u>ADR Packing instructions</u>	:	P001 IBC03 LP01 R001
<u>ADR Special packing provisions</u>	:	
<u>ADR Mixed packing provisions</u>	:	MP19
<u>Instructions for portable tanks and bulk containers</u>	:	T2
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1
<u>ADR tank code</u>	:	LGBF
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	FL
<u>ADR Transport category</u>	:	3
<u>ADR Tunnel restriction code</u>	:	D/E
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	V12
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	S2
<u>ADR Hazard identification number (Kemler No.)</u>	:	30

RID

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	

IMDG

<u>Special provisions</u>	:	144 223
<u>Limited quantity (LQ)</u>	:	5 L
<u>Excepted quantities</u>	:	E1
<u>Packing instructions</u>	:	P001 LP01
<u>Special packing provisions</u>	:	
<u>IBC instruction(s)</u>	:	IBC03
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	T2
<u>Special provisions for portable tanks and bulk containers</u>	:	TP1
<u>EmS codes</u>	:	F-E, S-D
<u>Stowage and handling</u>	:	Category A
<u>Segregation</u>	:	
<u>Properties and observations</u>	:	Colourless, volatile liquids.Pure ETHANOL: flashpoint 13°C c.c. Explosive limits: 3.3% to 19% Miscible with water.

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

C.7 COTON

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content 56,359 %

- * Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
- * Information relating to Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (DIR-VOC)
- * The surfactants contained in this mixture comply with the biodegradability criteria as defined in Regulation (EC) No 648/2004 on detergents.
- * Regulation (EC) No. 648/2004 on detergents
- * Regulation (EU) No. 2019/1021 of the European Parliament and of the Council of June 20, 2019 on persistent organic pollutants. (POPs): None of the components are submitted.
- * Regulation EU.n° 2019/1148: Annex I - PRECURSORS OF EXPLOSIVES SUBJECT TO RESTRICTIONS (Maximum limit value for the purpose of granting a license under article 5, paragraph 3): None components is submitted.
- * Regulation EU.n° 2019/1148: Annex II - PRECURSORS OF EXPLOSIVES SUBJECT TO A REPORT: None of the components are subject.
- * Regulations EU n° 273/2004 and EU: 111/2005 on drug precursors: None of the components are subject.

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:

- perfumes
- CITRAL
- LINALYL ACETATE
- LINALOOL
- CITRAL
- D-LIMONENE
- ---
- GERANYL ACETATE

Website <https://obioseed.com/>

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - *No chemical safety assessment has been carried out for the mixture.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
2,01	20/01/2025		Update sections 2.2 and 15.1
2	21/02/2023		
1	08/09/2022		

literature infomation

ECHA
Fiche toxicologique n°48-Ethanol-INRS :
https://www.inrs.fr/dms/ficheTox/FicheFicheTox/FICHETOX_48-2/FicheTox_48.pdf

Data sources:

Supplier

C.7 COTON

Texts of the regulatory sentences

Eye Irrit. 2	Eye irritation - Category 2
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness.
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1B	Skin sensitization - Category 1B
STOT SE 3	STOT-single exposure - Category 3 (H336)

Training advice - Restricted to professional users.

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
Complies with Regulation (EC) No. 1907/2006 (REACH) (amended by Regulation (EU) No. 453/2010)
Complies with Annex II of the REACH regulation amended by REGULATION (EU) N°878/2020 of June 18, 2020
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
Observe technical data sheet.

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