

# SAFETY DATA SHEET



Issuing Date: 10-Mar-2016

Revision Date: 10-Mar-2016

Version 1

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

**Product ID:** 92284730\_BULK\_CLP

**Product Name** Febreze Fabric Refresher - Free

**Synonyms** Febreze Fabric Refresher Allergen Reducer - Unscented (96391139\_BULK\_CLP)  
Febreze Fabric Refresher - Wild Berries & Honey (99764733\_BULK\_CLP)  
Febreze Fabric Refresher - Gain Apple Mango Tango (99764733\_A\_BULK\_CLP)  
Febreze Fabric Refresher - Downy April Fresh (99765267\_BULK\_CLP)

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

**Recommended Use** PC19 - Intermediate

**Uses advised against** No information available.

**Sector of use** SU10 - Formulation [mixing] of preparations and/or re-packaging

**Product category** SU 3 - Industrial uses

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer** Procter and Gamble (Brussels Innovation Center)Temselaan 100 Strombeek-Bever B-1853, Strombeek-Bever Brussels, Belgium +32 (0)2-456 3267

For further information, please contact: [pgsds.im@pg.com](mailto:pgsds.im@pg.com)

### 1.4 Emergency Telephone Number

**Emergency Telephone** EUROPE: CONTACT CHEMTREC (24 hr) +(41) 22 58 004 8213 (day phone); BELGIUM: Centre Antipoison/ Antigifcentrum: 070/245.245 BENELUX FR: Centre Antipoison 070/245.245, Chemtrec: +(32)-28083237; BULGARIA: +359 2 9154 409; CZECH REPUBLIC: Chemtrec +(420)-228880039; DENMARK: Alarmcentralen, telefon 112 (Giftlinjen: 82 12 12 12); ESTONIA: 16662; FINLAND: Myrkytystietokeskus, Puhelin 09-471 977; FRANCE: Chemtrec +(33)-975181407; N° d'appel d'urgence Orfila : 01 45 42 59 59; GERMANY: Chemtrec 0800-181-7059; +49 (0) 6131-232466 (24h); GREECE: Τηλ. Κέντρου Δηλητηριάσεων: 210-7793777; HUNGARY: Chemtrec +(36)-18088425; 06 80 20 11 99; IRELAND: 1800 509 497; ITALY: Chemtrec 800-789-767; Numero di emergenza: 06 50971; LATVIA: Ārkārtas situācijās zvanīt uz Saindēšanās informācijas centru - tel. 67042473; LITHUANIA: (8 5) 236 20 52; NETHERLANDS: Chemtrec +(31)-858880596; Nationaal Vergiftigen Informatie Centrum: Tel. 030 - 2748888 (Uitsluitend voor een behandelde arts bereikbaar in geval van accidentele vergiftigen); NORWAY: Nødnummer: 113 (Giftinformasjonssentralen, telefon 22 59 13 00) POLAND: Chemtrec +(48)-223988029; tel. alarmowy 112 lub 801 25 88 25 (poniedziałek – piątek,

godz. 8:30 -17); PORTUGAL: Tel. emergência CIAV: 808 250 143; RUSSIA Chemtrec 8-800-100-6346; ROMANIA: 021 3183606 SLOVAKIA: Toxikologické informačné centrum +421 2 5477 4166; SPAIN: Chemtrec 900-868538; 91. 722. 21.00; SWEDEN: Chemtrec +(46)-852503403; Giftinformationscentralen, telefon 112.; SWITZERLAND: 145 (24h); TURKEY: 0 800 261 63 65 – 0 216 463 80 00; UK: Chemtrec +(44)-870-8200418; 0800 328 8304

## 2. HAZARD IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### GHS / CLP - Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

For the full text of the H-Statements mentioned in this Section, see Section 16.

### 2.2 Label elements

#### Classification of mixtures according to regulation 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

#### Hazard pictograms

#### Signal Word

None

EUH208 - May produce an allergic reaction. **Contains Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C < 20 %: Xi; R43), 1,2-Benzisothiazol-3(2H)-one**

### 2.3 Other hazards

#### Other hazards

None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not Applicable.

### 3.2 Mixtures

Chemical Name	CAS-No	EC-No	REACH Registration No	Weight %	GHS / CLP Classification 1272/2008 [CLP]	Acute M Factor	Chronic M Factor
Ethanol	64-17-5	200-578-6	-	1 - 3	Flam. Liq. 2(H225) Eye Irrit. 2(H319)		
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C < 20 %: Xi; R43)	110-16-7	203-742-5	-	<=0.1	Acute Tox. 4(H302) Acute Tox. 4(H312) Skin Irrit. 2(H315) Eye Irrit. 2(H319) Skin Sens. 1(H317) STOT SE 3(H335)		
Didecyldimethylammonium chloride	7173-51-5	230-525-2	-	<=0.1	Acute Tox. 4(H302) Skin Corr. 1B(H314) Aquatic Acute 1(H400) Aquatic Chronic 2(H411)	10	
1,2-Benzisothiazol-3(2H)-one	2634-33-5	220-120-9	-	<=0.1	Acute Tox. 4(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Skin Sens. 1(H317) Aquatic Acute 1(H400)	1	

## 4. FIRST AID MEASURES

### 4.1 Description of first-aid measures

<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/attention
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing IF exposed or concerned: Get medical advice/attention

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

**Main Symptoms** No information available

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

**Notes to Physician** Refer to section 4.1.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media** Dry chemical. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>).

**Extinguishing media which shall not be used for safety reasons** Water.

### 5.2 Special hazards arising from the substance or mixture

**Special hazard** Containers may explode when heated  
Keep containers and surroundings cool with water spray

### 5.3 Advice for firefighters

**Special protective equipment for fire-fighters** Dike fire-control water for later disposal. Fight fire with normal precautions from a reasonable distance.

**Protective equipment and precautions for firefighters** Do not allow run-off from fire fighting to enter drains or water courses

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear personal protective equipment

**Advice for emergency responders** In the case of vapor formation use a respirator with an approved filter

### 6.2 Environmental precautions

**Environmental precautions** The product should not be allowed to enter drains, water courses or the soil.

### 6.3 Methods and materials for containment and cleaning up

**Methods for containment** Contain the spill. The product should not be allowed to enter drains, water courses or the soil.

**Methods for cleaning up** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

#### 6.4 Reference to other sections

**Other information** Refer to protective measures listed in Sections 7 and 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

**Advice on safe handling** **Manufacturing Sites:** . Clean up spill immediately. Do not allow to enter into surface water or drains. Empty containers should be taken for local recycling, recovery or waste disposal. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

### 7.2 Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep containers tightly closed in a dry, cool and well-ventilated place

**Storage Conditions** No information available

### 7.3. Specific end use(s)

**Specific end uses** Not Applicable

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure Guidelines

Chemical Name	CAS-No	Austria	Belgium	Bulgaria	Czech Republic	Denmark
Ethanol	64-17-5	STEL 2000 ppm STEL 3800 mg/m <sup>3</sup> TWA 1000 ppm TWA 1900 mg/m <sup>3</sup>  TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	TWA 1000 ppm TWA 1907 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	Ceiling: 3000 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Chemical Name	CAS-No	Estonia	European Union	Finland	France	Germany
Ethanol	64-17-5	STEL: 1000 ppm STEL: 1900 mg/m <sup>3</sup> TWA: 500 ppm TWA: 1000 mg/m <sup>3</sup>	-	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 1300 ppm STEL: 2500 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup> Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m <sup>3</sup> Skin
Chemical Name	CAS-No	Greece	Israel - Occupational Exposure Limits - TWAs	Ireland	Italy	Italy-ACGIH TLV
Ethanol	64-17-5	TWA 1000 ppm TWA 1900 mg/m <sup>3</sup>		STEL: 1000 ppm	-	
Chemical Name	CAS-No	Latvia	Lithuania	Norway	Poland	Portugal
Ethanol	64-17-5	TWA: 1000 mg/m <sup>3</sup>	TWA 500 ppm TWA 1000 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 950 mg/m <sup>3</sup> STEL: 500 ppm	TWA: 1900 mg/m <sup>3</sup>	TWA: 1000 ppm

Chemical Name	CAS-No	Romania	Slovakia	Slovenia	Spain	Sweden		
Ethanol	64-17-5	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: 5000 ppm STEL: 9500 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 960 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> STEL: STEL ppm STEL: STEL mg/m <sup>3</sup>	STEL: 1000 ppm STEL: 1910 mg/m <sup>3</sup>	500 ppm LLV 1000 mg/m <sup>3</sup> LLV 500 ppm LLV; 1000 mg/m <sup>3</sup> LLV		
Chemical Name	CAS-No	Switzerland	The Netherlands	The United Kingdom	Singapore	Turkey	Thailand	Philippines
Ethanol	64-17-5	STEL: 1000 ppm STEL: 1920 mg/m <sup>3</sup> TWA: 500 ppm TWA: 960 mg/m <sup>3</sup>	Skin STEL: 1900 mg/m <sup>3</sup> TWA: 260 mg/m <sup>3</sup>	STEL: 3000 ppm STEL: 5760 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	PEL: 1000 ppm PEL: 1880 mg/m <sup>3</sup>			TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)****Workers**

Chemical Name	Acute Systemic Effect - Skin Contact	Acute Systemic Effect - Inhalation	Acute Local Effect - Skin Contact	Acute Local Effect - Inhalation
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C <20 %: Xi; R43)	58 mg/kg bw/day		0.55 mg/cm <sup>2</sup>	

Chemical Name	Long-term Systemic Effect - Skin Contact	Long-term Systemic Effect - Inhalation	Long-term Local Effect - Skin Contact	Long-term Local Effect - Inhalation
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C <20 %: Xi; R43)	3.3 mg/kg bw/day		0.04 mg/cm <sup>2</sup>	
Didecyldimethylammonium chloride	8.6 mg/kg bw/d	18.2 mg/m <sup>3</sup>		

**Consumers****Predicted No Effect Concentration (PNEC)**

Chemical Name	Fresh Water	Marine water	Intermittent Releases
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C <20 %: Xi; R43)	0.0744 mg/L		0.744 mg/L
Didecyldimethylammonium chloride	0.002 mg/L	0.0002 mg/L	0.00029 mg/L

Chemical Name	Sediment (freshwater)	Sediment (marine)	STP	Soil	air	Oral
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C <20 %: Xi; R43)	0.0624 mg/kg sediment dw		3.33 mg/L			
Didecyldimethylammonium chloride	2.82 mg/kg sediment dw	0.28 mg/kg sediment dw	0.595 mg/L	1.4 mg/kg soil dw		

**8.2 Exposure controls****Engineering Measures****Manufacturing Sites:**

Prevent splashing and leaking of product  
Use with local exhaust ventilation

**Personal protective equipment****Eye Protection****Manufacturing Sites:**

Tightly fitting safety goggles

If splashes are likely to occur, wear:  
Face-shield

<b>Hand Protection</b>	<b>Manufacturing Sites:</b> Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion
<b>Skin and Body Protection</b>	<b>Manufacturing Sites:</b> Wear protective gloves/clothing
<b>Respiratory Protection</b>	<b>Manufacturing Sites:</b> In case of inadequate ventilation wear respiratory protection
<b>Thermal hazards</b>	Not available.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Environmental exposure controls</b>	See section 6 for more information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical State @20°C</b>	Liquid
<b>Appearance</b>	Clear
<b>Odor</b>	Perfume
<b>Odor threshold</b>	All our products don't have substances deriving inhalation health risk.

<u>Property</u>	<u>Values</u>	<u>Note</u>
<b>pH</b>	6.0 - 8.4	
<b>Melting/freezing point</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Boiling point/boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	70.5 °C / 136 - 159 °F	Product is an aqueous solution containing <= 24% alcohol and > 50% water.
<b>Evaporation rate</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Upper flammability limit</b>	Not available	Not available. This property is not relevant for the safety and classification of this product .
<b>Lower Flammability Limit</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Flammability (solid, gas)</b>	Not available	Not applicable. This property is not relevant for liquid product forms
<b>Vapor pressure</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Vapor density</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Relative density</b>	1.0 - 1.4	
<b>Solubility</b>	Not available	
<b>Partition Coefficient (n-octanol/water)</b>	Not available	This property is not relevant for mixtures
<b>Autoignition temperature</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Decomposition temperature</b>	Not available	Not available. This property is not relevant for the safety and classification of this product
<b>Viscosity</b>	Not available	
<b>Explosive properties</b>	Not applicable	.
<b>Oxidizing properties</b>	Not available	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2) )

**9.2 Other information****10. STABILITY AND REACTIVITY****10.1 Reactivity**

**Reactivity** None under normal use conditions.

**10.2 Chemical stability**

**Stability** Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

**Hazardous polymerization** None under normal processing.

**10.4 Conditions to Avoid**

**Conditions to Avoid** No information available.

**Materials to avoid** No information available.

**10.6 Hazardous Decomposition Products**

**Hazardous Decomposition Products** None under normal use.

**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Product Information**

<b>Principle routes of exposure</b>	Eye contact, Skin contact, Inhalation, Ingestion.
<b>Acute toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Skin sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Respiratory sensitization</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Not Classified. Based on the available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not Classified. Based on the available data, the classification criteria are not met.

**Component Information**

The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C < 20 %: Xi; R43)	110-16-7	700 mg/kg	2620 mg/kg bw (Read across data on Maleic anhydride; similar to OECD 402; rabbit; WoE data)	> 0.72 mg/L ( Rat ) 1 h
Didecyldimethylammonium chloride	7173-51-5	329 mg/kg bw (OECD 401)	-	-

Chemical Name	Carcinogenicity	Species	Developmental toxicity	Species	Eye Damage	Species	Mutagenicity	Species
Didecyldimethylammonium chloride					Y (0.1%)	Rabbit		

Chemical Name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Didecyldimethylammonium			Y (100%; OECD	Rabbit		NULL

chloride			404)			
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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Ecotoxicity effects

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

#### Acute toxicity

Chemical Name	CAS-No	Toxicity to Fish (LC50)*	Toxicity to algae (EC50)*	Toxicity to daphnia and other aquatic invertebrates (EC50)*	Toxicity to Microorganisms (EC50)*	Toxicity to other organisms
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C <20 %: Xi; R43)	110-16-7	106 mg/L (Guideline: DIN 38 412 Teil 15; Leuciscus idus; freshwater; 48 h; WoE data)	74.35 mg/L (OECD 201; Pseudokirchneriella subcapitata; static; freshwater; growth rate)	42.81 mg/L (OECD 202; Daphnia magna; static; freshwater)	-	-
Didecyldimethylammonium chloride	7173-51-5	0.49 mg/L (OECD 203; Danio rerio; 96 h)	0.062 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h)	0.029 mg/L (OECD 202; Daphnia magna; 48 h)	17.9 mg/L (OECD 209; 3 h)	190 mg/kg soil dw (OECD 208; Trifolium pratense; seedling emergence; based on active ingredient; 14 d)

#### Ecotox legend

\* If different it will be explained in the table

#### Chronic Toxicity

Chemical Name	CAS-No	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Didecyldimethylammonium chloride	7173-51-5	0.013 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d)		0.021 mg/L (OECD 211; Daphnia magna; 21 d)	4 mg/L (OECD 209; 3 h)	125 mg/kg soil dw (OECD 222 and BBA guideline, 1994; Eisenia fetida; based on active ingredient; 55 d)

#### Ecotox legend

\* If different it will be explained in the table

### 12.2 Persistence and degradability

Chemical Name	CAS-No	Biodegradation	Hydrolysis t1/2 (half-life)	Half-life (Photolysis-Atmospheric)	Biodegradability
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C <20 %: Xi; R43)	110-16-7	97.08 % (OECD 301 B; aerobic; secondary effluent from a sewage treatment plant (predominantly domestic); CO2 evolution; meets 10-d window criterion)			93 % (Read across data on Maleic anhydride; OECD 301 B; activated sludge (adaptation not specified); CO2 evolution; meets 10-d window criterion)
Didecyldimethylammonium chloride	7173-51-5	67% CO2; OECD 301 B; 60% (10 d)			t1/2: 100 d (Guideline not indicated; method: Technical Assistance Document 3.12 of the Environmental Assessment Handbook, FDA; aerobic; in loam soil)



**12.3 Bioaccumulative potential**

Chemical Name	CAS-No	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Maleic acid (C = 25 %: Xn; R22-36/37/38-4320 % = C <25 %: Xi; R36/37/38-430,1 % = C < 20 %: Xi; R43)	110-16-7	-1.3	
Didecyltrimethylammonium chloride	7173-51-5	-0.4	

**12.4 Mobility in soil**

Chemical Name	CAS-No	KOC Values
Didecyltrimethylammonium chloride	7173-51-5	24433 (OECD 106)

**12.5 Results of PBT and vPvB assessment****PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB

**12.6 Other adverse effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods****Waste from Residues / Unused Products**

Disposal should be in accordance with applicable regional, national and local laws and regulations The waste codes/waste designations below are in accordance with EWC

**Disposal recommendations**

Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. For handling waste, see measures described in section 8. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

**Contaminated packaging**

15 01 10.

**EWC Waste Disposal No.**

07 06 01

**13.2 Additional information****Additional information**

No information available

## 14. TRANSPORT INFORMATION

**IMDG**

<b>14.1 UN Number</b>	Not regulated
<b>14.2 UN Proper shipping name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Environmental Hazards</b>	Not regulated
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

**IATA**

<b>14.1 UN no</b>	Not regulated
<b>14.2 UN Proper shipping name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated

**14.5 Environmental Hazards** Not regulated

**ICAO**

**14.1 UN no** Not regulated  
**14.2 UN Proper shipping name** Not regulated  
**14.3 Hazard Class** Not regulated  
**14.4 Packing Group** Not regulated  
**14.5 Environmental Hazards** Not regulated

**ADR**

**14.1 UN no** Not regulated  
**14.2 UN Proper shipping name** Not regulated  
**14.3 Hazard Class** Not regulated  
**14.4 Packing Group** Not regulated  
**14.5 Environmental Hazards** Not regulated

**RID**

**14.1 UN no** Not regulated  
**14.2 UN Proper shipping name** Not regulated  
**14.3 Hazard Class** Not regulated  
**14.4 Packing Group** Not regulated  
**14.5 Environmental Hazards** Not regulated

**ADN**

**14.1 UN no** Not regulated  
**14.2 UN Proper shipping name** Not regulated  
**14.3 Hazard Class** Not regulated  
**14.4 Packing Group** Not regulated  
**14.5 Environmental Hazards** Not regulated

## 15. REGULATORY INFORMATION

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

**WGK- WGK Classification (VwVwS)** Non Hazardous

### 15.2 Chemical Safety Assessment

**Chemical Safety Assessment** No chemical safety assessment has been carried out for this mixture per REACH regulation.

## 16. OTHER INFORMATION

### 16.1 Indication of changes

**Issuing Date:** 10-Mar-2016  
**Revision Date:** 10-Mar-2016  
**Reason for revision** Not applicable

### 16.2 Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ASTM: American Society for Testing and Materials  
 CAS-No: Chemical Abstracts Service number  
 CLP: Classification, Labeling, and Packaging (substances and mixtures)  
 DIN: German Institute for Standardization  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 EC-Number: EINECS and ELINCS Number (see also EINECS and ELINCS)  
 EC50: Calculated concentration causing a 50% reduction in cellular reproduction  
 ErC50: Calculated concentration causing a 50% reduction in growth rate  
 EWC: European Waste Catalogue (replaced by LoW – see below)  
 GHS- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ISO- International Organization for Standardization

Kow: octanol-water partition coefficient

LC50: Lethal Concentration to 50% of a test population

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)

MARPOL- International Convention for the Prevention of Pollution From Ships

o.c.- open cup

OECD - Organization for Economic Cooperation and Development

OEL: Occupational Exposure Limit

PNEC(s): Predicted No Effect Concentration(s)

PVC- Polyvinylchloride

REACH- Registration, Evaluation and Authorization of Chemicals

STEL - Short term exposure limit

TWA- Time weighted average

STP- Sewage treatment plant

SVHC: Substances of Very High Concern

UN- United Nations

### **16.3 Key literature references and sources for data**

No information available

### **16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

### **16.5 Full text of H-Statements referred to under sections 2 and 3**

#### **Full text of H-Statements referred to under sections 2 and 3**

H225 - Highly flammable liquid and vapor

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

H335 - May cause respiratory irritation

H400 - Very toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

### **16.6 Training Advice**

No information available

### **16.7 Further information**

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**