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

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 Vergiftigingen Informatie Centrum: Tel. 030 - 2748888 (Uitsluitend voor een behandelde arts bereikbaar in geval van accidentele vergiftigingen); 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	

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

4. FIRST AID MEASURES

4.1 Description of first-aid measures

Skin contact
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention

Eye contact
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

Inhalation
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_2).

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/m³ TWA 1000 ppm TWA 1900 mg/m³ TWA: 1000 ppm TWA: 1900 mg/m³	TWA 1000 ppm TWA 1907 mg/m³	TWA: 1000 mg/m³	Ceiling: 3000 mg/m³ TWA: 1000 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³

Chemical Name	CAS-No	Estonia	European Union	Finland	France	Germany
Ethanol	64-17-5	STEL: 1000 ppm STEL: 1900 mg/m³ TWA: 500 ppm TWA: 1000 mg/m³	-	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 1300 ppm STEL: 2500 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 5000 ppm STEL: 9500 mg/m³	TWA: 500 ppm TWA: 960 mg/m³ Ceiling / Peak: 1000 ppm Ceiling / Peak: 1920 mg/m³ 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/m³		STEL: 1000 ppm	-	

Chemical Name	CAS-No	Latvia	Lithuania	Norway	Poland	Portugal
Ethanol	64-17-5	TWA: 1000 mg/m³	TWA 500 ppm TWA 1000 mg/m³	TWA: 500 ppm TWA: 950 mg/m³ STEL: 500 ppm	TWA: 1900 mg/m³	TWA: 1000 ppm

				STEL: 950 mg/m³		
Chemical Name	**CAS-No**	**Romania**	**Slovakia**	**Slovenia**	**Spain**	**Sweden**
Ethanol	64-17-5	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 5000 ppm STEL: 9500 mg/m³	TWA: 500 ppm TWA: 960 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: STEL ppm STEL: STEL mg/m³	STEL: 1000 ppm STEL: 1910 mg/m³	500 ppm LLV 1000 mg/m³ LLV 500 ppm LLV; 1000 mg/m³ 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/m³ TWA: 500 ppm TWA: 960 mg/m³	Skin STEL: 1900 mg/m³ TWA: 260 mg/m³	STEL: 3000 ppm STEL: 5760 mg/m³ TWA: 1000 ppm TWA: 1920 mg/m³	PEL: 1000 ppm PEL: 1880 mg/m³			TWA: 1000 ppm TWA: 1900 mg/m³

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/cm²	

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/cm²	
Didecyldimethylammonium chloride	8.6 mg/kg bw/d	18.2 mg/m³		

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**
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	

Oral

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

Hand Protection **Manufacturing Sites:**
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

Skin and Body Protection **Manufacturing Sites:**
Wear protective gloves/clothing

Respiratory Protection **Manufacturing Sites:**
In case of inadequate ventilation wear respiratory protection

Thermal hazards Not available.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls See section 6 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

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

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

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

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

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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

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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	
Didecyldimethylammonium chloride	7173-51-5	-0.4	

12.4 Mobility in soil

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Chemical Name	CAS-No	KOC Values
Didecyldimethylammonium 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

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

IATA

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

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