

SAFETY DATA SHEET JELLY BELLY 3D AIR FRESHENER - Margarita

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of	SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier		
Product name	JELLY BELLY 3D AIR FRESHENER - Margarita	
Product number	15261	
1.2. Relevant identified uses	of the substance or mixture and uses advised against	
Identified uses	Air Freshener	
Uses advised against	No specific uses advised against are identified.	
1.3. Details of the supplier of	the safety data sheet	
Supplier	Custom Accessories Europe The Granary Standen Manor Hungerford Berkshire RG17 0RB UK T: +44 (0) 1488 662770 F: +44 (0) 1488 662771 E: info@caeurope.co.uk	
1.4. Emergency telephone nu	Imber	
Emergency telephone	+44 (0) 1488 662770 (9:00-17:00 Monday - Friday)	
SECTION 2: Hazards identified	cation	
2.1. Classification of the subs	stance or mixture	
Classification (EC 1272/2008	<u>)</u>	
Physical hazards	Not Classified	
Health hazards	Skin Sens. 1 - H317	
Environmental hazards	Aquatic Chronic 3 - H412	
2.2. Label elements		
Hazard pictograms		
Signal word	Warning	
Hazard statements	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.	

Precautionary statements	P102 Keep out of reach of children. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with local regulations.
Contains	dipentene, citral, linalool, orange oil, damascone delta
Supplementary precautionary statements	P302+P352 IF ON SKIN: Wash with plenty of water.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients 3.2. Mixtures dipentene 2.5 - <5% CAS number: 68956-56-9 EC number: 273-309-3 Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411 citral 1 - <2.5% CAS number: 5392-40-5 EC number: 226-394-6 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 linalool 1 - <2.5% CAS number: 78-70-6 EC number: 201-134-4 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 1 - <2.5% orange oil CAS number: 8008-57-9 M factor (Chronic) = 1 Classification Flam. Liq. 3 - H226 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 1 - H410

pentyl acetate		0.5 - <1%
CAS number: 628-63-7	EC number: 211-047-3	
Classification		
Flam. Liq. 3 - H226		
3-methylbutan-1-ol		0.5 - <1%
CAS number: 123-51-3	EC number: 204-633-5	
Classification		
Flam. Liq. 3 - H226		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
damascone delta		0.025 - <0.25%
CAS number: 57378-68-4	EC number: 260-709-8	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
The full text for all hazard statemen	ts is displayed in Section 16.	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.	
Inhalation	The product is considered to be a low hazard under normal conditions of use. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.	
Ingestion	Rinse immediately with plenty of water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.	
Skin contact	Wash skin thoroughly with soap and water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Get medical attention if irritation persists after washing.	
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Get medical attention if any discomfort continues.	
4.2. Most important symptoms and effects, both acute and delayed		
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. The product contains a small amount of sensitising substance.	
Inhalation	No specific symptoms known.	

Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.	
Skin contact	May cause sensitisation or allergic reactions in sensitive individuals.	
Eye contact	May be slightly irritating to eyes. Due to the physical nature of this product, exposure by this route is unlikely.	
4.3. Indication of any immediat	e medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting meas	ures	
5.1. Extinguishing media		
Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising fro	om the substance or mixture	
Specific hazards	None known.	
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).	
5.3. Advice for firefighters		
Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.	
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.	
SECTION 6: Accidental release	e measures	
6.1. Personal precautions, prot	ective equipment and emergency procedures	
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Avoid contact with eyes and prolonged skin contact.	
6.2. Environmental precautions		
Environmental precautions	Avoid discharge to the aquatic environment.	
6.3. Methods and material for containment and cleaning up		
Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.	
6.4. Reference to other section	<u>s</u>	
Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.	
SECTION 7: Handling and stor	age	

7.1. Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. For personal protection, see Section 8. Keep out of the reach of children. The product contains a sensitising substance. Avoid contact with eyes and prolonged skin contact. Persons susceptible to allergic reactions should not handle this product.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling.
7.2. Conditions for safe stora	age, including any incompatibilities
Storage precautions	Keep in a cool place. Do not store near heat sources or expose to high temperatures.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
SECTION 8: Exposure contr	ols/Personal protection
8.1. Control parameters Occupational exposure limits pentyl acetate	<u>}</u>
	hour TWA): WEL 50 ppm 270 mg/m³ 5-minute): WEL 100 ppm 541 mg/m³
3-methylbutan-1-ol	
	hour TWA): WEL 100 ppm 366 mg/m³ 5-minute): WEL 125 ppm 458 mg/m³ Limit
8.2. Exposure controls	
Appropriate engineering controls	Provide adequate ventilation.
Eye/face protection	No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Hand protection	No specific requirements are anticipated under normal conditions of use. Large Spillages: Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.
Hygiene measures	Good personal hygiene procedures should be implemented. Persons susceptible to allergic reactions should not handle this product. When using do not eat, drink or smoke. Wash hands thoroughly after handling.
Respiratory protection	No specific requirements are anticipated under normal conditions of use. Large Spillages: Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must

Environmental exposure Avoid discharge to the aquatic environment.

'CE'-marked.

controls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

be worn. Ensure all respiratory protective equipment is suitable for its intended use and is

Colour	Green.
Odour	Margarita
Odour threshold	Not available.
рН	Not applicable.
Melting point	Not available.
Initial boiling point and range	Not applicable.
Flash point	Not available.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Bulk density	Not available.
Solubility(ies)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
9.2. Other information	
Other information	None.
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous	
Possibility of hazardous reactions	No potentially hazardous reactions known.
10.4. Conditions to avoid	
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
10.5. Incompatible materials	

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
10.6. Hazardous decompositio	n products
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
SECTION 11: Toxicological inf	formation
11.1. Information on toxicologic	cal effects
Acute toxicity - oral	
Notes (oral LD₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - dermal	
Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - inhalation	
Notes (inhalation LC ₅₀)	Based on available data the classification criteria are not met.
Skin corrosion/irritation	
Animal data	Based on available data the classification criteria are not met.
Serious eye damage/irritation	
Serious eye damage/irritation	Based on available data the classification criteria are not met.
Respiratory sensitisation	
Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation	
Skin sensitisation	May cause sensitisation or allergic reactions in sensitive individuals.
Germ cell mutagenicity	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
Carcinogenicity	
Carcinogenicity	Based on available data the classification criteria are not met.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity -	Based on available data the classification criteria are not met.
development	
Specific target organ toxicity -	single exposure
STOT - single exposure	Based on available data the classification criteria are not met.
Specific target organ toxicity -	repeated exposure
STOT - repeated exposure	Based on available data the classification criteria are not met.
Aspiration hazard	
Aspiration hazard	Not relevant. Solid.
General information	The severity of the symptoms described will vary dependent on the concentration and the
	length of exposure. The product contains a sensitising substance.
Inhalation	Symptoms following overexposure may include the following: Headache.

Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.
Route of exposure	Inhalation Ingestion Skin and/or eye contact

Toxicological information on ingredients.

dipentene

Acute toxicity - oral	
Notes (oral LD₅₀)	LD₅₀ > 2000 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
Acute toxicity - dermal	
Notes (dermal LD₅₀)	LD₅₀ > 2000 mg/kg/day, Dermal, Rat REACH dossier information. Based on available data the classification criteria are not met.
Acute toxicity - inhalation	
Notes (inhalation LC ₅₀)	Data lacking.
Skin corrosion/irritation	
Animal data	Dose: 0.5ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Irritating.
Serious eye damage/irritat	ion
Serious eye damage/irritation	Based on available data the classification criteria are not met.
Respiratory sensitisation	
Respiratory sensitisation	Data lacking.
Skin sensitisation	
Skin sensitisation	Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information.
Germ cell mutagenicity	
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Carcinogenicity	
Carcinogenicity	Data lacking.
Reproductive toxicity	
Reproductive toxicity - fertility	Data lacking.
Specific target organ toxici	ty - single exposure
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	NOAEL 435.8 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
Aspiration hazard	
Aspiration hazard	May be harmful if swallowed and enters airways.
	citral
Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	6,800.0
Species	Rat
Notes (oral LD∞)	REACH dossier information. Based on available data the classification criteria are not met.
ATE oral (mg/kg)	6,800.0
Acute toxicity - dermal	
Acute toxicity dermal (LD₅₀ mg/kg)	2,001.0
Species	Rat
Notes (dermal LD₅₀)	REACH dossier information. Based on available data the classification criteria are not met.
ATE dermal (mg/kg)	2,001.0
Skin corrosion/irritation	
Animal data	Dose: , 2 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Slight oedema - edges of area well defined by definite raising (2). REACH dossier information. Irritating.
Serious eye damage/irritati	on
Serious eye damage/irritation	REACH dossier information. Causes serious eye irritation.
Skin sensitisation	
Skin sensitisation	Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information.
Germ cell mutagenicity	
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Carcinogenicity	
Carcinogenicity	NOAEL 60 mg/kg/day, Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.
Reproductive toxicity	
Reproductive toxicity - fertility	Screening - NOAEL 200 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 60 mg/kg/day, Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.

linalool		
Acute toxicity - oral		
Acute toxicity oral (LD₅₀ mg/kg)	2,790.0	
Species	Rat	
Notes (oral LD₅₀)	REACH dossier information. Based on available data the classification criteria are not met.	
ATE oral (mg/kg)	2,790.0	
Acute toxicity - dermal		
Acute toxicity dermal (LD₅ mg/kg)	5,610.0	
Species	Rabbit	
Notes (dermal LD₅₀)	REACH dossier information. Based on available data the classification criteria are not met.	
ATE dermal (mg/kg)	5,610.0	
Skin corrosion/irritation		
Animal data	Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2). Oedema score: Very slight oedema - barely perceptible (1). REACH dossier information. Irritating.	
Serious eye damage/irritati	on	
Serious eye damage/irritation	Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Causes serious eye irritation.	
Skin sensitisation		
Skin sensitisation	Local Lymph Node Assay (LLNA) - Mouse: Sensitising. REACH dossier information. May cause an allergic skin reaction.	
Germ cell mutagenicity		
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.	
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.	
Reproductive toxicity		
Reproductive toxicity - fertility	Screening - NOAEL 500 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.	
Reproductive toxicity - development	Maternal toxicity: - NOAEL: 500 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.	
Specific target organ toxicity - repeated exposure		

STOT - repeated exposure NOAEL 160 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

	Aspiration hazard				
	Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.			
SECTION 1	2: Ecological information				
12.1. Toxici	ty				
Toxicity	Harmfu produc	Il to aquatic life with long lasting effects. There are no data on the ecotoxicity of this t.			
Ecological information on ingredients.					
	dipentene				
	Acute aquatic toxicity				
	Acute toxicity - fish	LC₅₀, 96 hours: 5.07 mg/l, Freshwater fish REACH dossier information.			
	Acute toxicity - aquatic invertebrates	NOEC, 48 hours: 1.6 mg/l, Daphnia magna REACH dossier information.			
	citral				
	Acute aquatic toxicity				
	Acute toxicity - fish	LC₅₀, 96 hours: 6.78 mg/l, Leuciscus idus (Golden orfe) REACH dossier information.			
	Acute toxicity - aquatic invertebrates	EC₅o, 48 hours: 6.8 mg/l, Daphnia magna REACH dossier information.			
	Acute toxicity - aquatic plants	EC₅₀, 72 hours: 103.8 mg/l, Scenedesmus subspicatus REACH dossier information.			
	linalool				
	Acute aquatic toxicity				
	Acute toxicity - fish	LC₅₀, 96 hours: 27.8 mg/l, Oncorhynchus mykiss (Rainbow trout) REACH dossier information.			
	Acute toxicity - aquatic invertebrates	EC₅o, 48 hours: 59 mg/l, Daphnia magna REACH dossier information.			
	Acute toxicity - aquatic plants	EC₅₀, 96 hours: 88.3 mg/l, Scenedesmus subspicatus REACH dossier information.			
12.2. Persis	tence and degradability				
Persistence and degradability The degradability of the product is not known.					
Ecological information on ingredients.					
		dipentene			

Biodegradation

Water - Degradation 83: 28 days REACH dossier information. The substance is readily biodegradable.

citral

Phototransformation	Water - Degradation 50: 37.35 minutes REACH dossier information.			
Biodegradation	Water - Degradation 90: 28 days REACH dossier information. The substance is readily biodegradable.			
	linalool			
Biodegradation	Water - Degradation 64.2: 28 days REACH dossier information. The substance is readily biodegradable.			
12.3. Bioaccumulative potential				
Bioaccumulative potential No data	available on bioaccumulation.			
Partition coefficient Not ava	ilable.			
Ecological information on ingredients.				
	dipentene			
Bioaccumulative potential	The product is not bioaccumulating.			
	citral			
Bioaccumulative potential	BCF: 89.72, REACH dossier information. The product is not bioaccumulating.			
Partition coefficient	log Pow: 2.76 REACH dossier information.			
	linalool			
Partition coefficient	log Pow: 2.9 REACH dossier information.			
12.4. Mobility in soil				
Mobility The pro	duct is insoluble in water.			
Ecological information on ingredients.				
	dipentene			
Mobility	Slightly soluble in water.			
	citral			
Mobility	The product is water-soluble and may spread in water systems.			
Henry's law constant	0.000376 atm m³/mol @ 25°C REACH dossier information.			
	linalool			
Mobility	The product is water-soluble and may spread in water systems.			
Surface tension	8.3 mN/m @ 20°C REACH dossier information.			
12.5. Results of PBT and vPvB assessment				
Results of PBT and vPvBThis product does not contain any substances classified as PBT or vPvB.assessment				

Ecological information on ingredients.

			dipentene
	Results of PBT a assessment	ind vPvB	This substance is not classified as PBT or vPvB according to current EU criteria.
			citral
	Results of PBT a assessment	ind vPvB	This substance is not classified as PBT or vPvB according to current EU criteria.
			linalool
	Results of PBT a assessment	ind vPvB	This substance is not classified as PBT or vPvB according to current EU criteria.
12.6. Other	adverse effects		
Other adver	rse effects	Not knov	vn.
Ecological i	nformation on ingre	edients.	
			dipentene
	Other adverse ef	fects	None known.
			citral
	Other adverse ef	fects	Not known.
			linalool
	Other adverse ef	fects	Not known.
SECTION 1	Other adverse ef		
		lerations	
	13: Disposal consid e treatment method	lerations ls The gene products	
13.1. Waste	 3: Disposal consid a treatment method b ormation 	lerations ls The gene products containe Waste pa	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its
13.1. Waste General info Disposal me	 3: Disposal consid a treatment method b ormation 	lerations Is The gene products containe Waste pa accordar	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its r must be disposed of in a safe way. ackaging should be collected for reuse or recycling. Dispose of contents/container in
13.1. Waste General info Disposal me	 13: Disposal consid e treatment method ormation ethods 	lerations is The gene products containe Waste pa accordar nation The proc	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its r must be disposed of in a safe way. ackaging should be collected for reuse or recycling. Dispose of contents/container in
13.1. Waste General info Disposal me SECTION 1 General 14.1. UN nu	 13: Disposal consident technologies a treatment method technologies b treatment method technologies b treatment technologies b trea	lerations is The gene products containe Waste pa accordar nation The proc	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its r must be disposed of in a safe way. ackaging should be collected for reuse or recycling. Dispose of contents/container in nce with local regulations. duct is not covered by international regulations on the transport of dangerous goods
13.1. Waste General info Disposal me SECTION 1 General 14.1. UN nu Not applical	 13: Disposal consident technologies a treatment method technologies bormation a treatment method technologies b treatment technolog	lerations is The gene products containe Waste pa accordar nation The proc (IMDG, I.	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its r must be disposed of in a safe way. ackaging should be collected for reuse or recycling. Dispose of contents/container in nce with local regulations. duct is not covered by international regulations on the transport of dangerous goods
13.1. Waste General info Disposal me SECTION 1 General 14.1. UN nu Not applical 14.2. UN pr	 Disposal consider the second se	lerations is The gene products containe Waste pa accordar nation The proc (IMDG, I.	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its r must be disposed of in a safe way. ackaging should be collected for reuse or recycling. Dispose of contents/container in nce with local regulations. duct is not covered by international regulations on the transport of dangerous goods
13.1. Waste General info Disposal me SECTION 1 General 14.1. UN nu Not applical 14.2. UN pr Not applical	 13: Disposal consider the second se	lerations is The gene products containe Waste pa accordar nation The proc (IMDG, I.	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its r must be disposed of in a safe way. ackaging should be collected for reuse or recycling. Dispose of contents/container in nce with local regulations. duct is not covered by international regulations on the transport of dangerous goods
13.1. Waste General info Disposal me SECTION 1 General 14.1. UN nu Not applical 14.2. UN pr Not applical 14.3. Trans	 Disposal consider the second se	lerations is The gene products containe Waste pa accordar mation The proc (IMDG, I.	Not known. eration of waste should be minimised or avoided wherever possible. Reuse or recycle wherever possible. Avoid discharge to the aquatic environment. This material and its r must be disposed of in a safe way. ackaging should be collected for reuse or recycling. Dispose of contents/container in nce with local regulations. duct is not covered by international regulations on the transport of dangerous goods

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

-	environmental regulations/legislation specific for the substance or mixture
National regulations	Health and Safety at Work etc. Act 1974 (as amended).
	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment
	Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
	EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18
	December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of
	Chemicals (REACH) (as amended).
	Commission Regulation (EU) No 2015/830 of 28 May 2015.
	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16
	December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IMDG: International Maritime Dangerous Goods. LC₅₀: Lethal Concentration to 50 % of a test population. LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). EC₅₀: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Key literature references and sources for data	REACH dossier information. Source: European Chemicals Agency, http://echa.europa.eu/ Supplier's information.
Classification procedures according to Regulation (EC) 1272/2008	Skin Sens. 1 - H317, Aquatic Chronic 3 - H412: Calculation method.

Training advice	Read and follow manufacturer's recommendations.
Revision date	08/02/2019
Revision	3
Supersedes date	17/02/2017
SDS number	4731
Hazard statements in full	 H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.