

GO JUICY STRAWBERRY

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

- 1.1 Product identifier:** GO JUICY STRAWBERRY
Other means of identification:
UFI: 3721-U01Q-V002-T6S7
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
 Relevant uses (Consumer use): Air freshener
 Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
 MB ELIX sp. z oo sp.k.
 ul. Skarżyńskiego 26
 54-530 Wrocław - Poland
 Phone: 0048 71 387 85 33 - Fax: 0048 71 722 29 68
 lab@elix.pl
 www.elixscent.com
- 1.4 Emergency telephone number:** 0048 71 387 85 33 (8.00-16.00)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
 Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
 Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
 Eye Irrit. 2: Eye irritation, Category 2, H319
 Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
 Labelling of packages where the contents do not exceed 125 ml:
Warning

Hazard statements:
 H317 - May cause an allergic skin reaction.
 H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements:
 P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P302+P352: IF ON SKIN: Wash with plenty of water.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P501: Dispose of contents/container according to the separated collection system used in your municipality.
Supplementary information:
 EUH204: Contains isocyanates. May produce an allergic reaction.
 Contains ethyl 2,3-epoxy-3-phenylbutyrate, linalool, [1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one, 4-hydroxy-2,5-dimethylfuran-2(3H)-one.
Additional Labelling:
 As from 24 August 2023 adequate training is required before industrial or professional use.
UFI: 3721-U01Q-V002-T6S7
- 2.3 Other hazards:**
 Product does not meet PBT/vPvB criteria
 Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Not relevant

3.2 Mixture:

Chemical description: Mixture composed of chemical products

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 77-83-8 EC: 201-061-8 Index: Not relevant REACH: 01-2119967770-28-XXXX	Ethyl 2,3-epoxy-3-phenylbutyrate⁽¹⁾ Self-classified	5 - <7,5 %
	Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning 	
CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	Linalool⁽¹⁾ Self-classified	3 - <4 %
	Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning 	
CAS: 134-20-3 EC: 205-132-4 Index: Not relevant REACH: 01-2120478941-44-XXXX	Methyl anthranilate⁽¹⁾ Self-classified	2 - <3 %
	Regulation 1272/2008 Eye Irrit. 2: H319 - Warning 	
CAS: 100-52-7 EC: 202-860-4 Index: 605-012-00-5 REACH: 01-2119455540-44-XXXX	Benzaldehyde⁽¹⁾ Self-classified	1 - <2 %
	Regulation 1272/2008 Acute Tox. 4: H302+H332; Eye Irrit. 2: H319; STOT SE 3: H335 - Warning 	
CAS: 928-96-1 EC: 213-192-8 Index: Not relevant REACH: 01-2119969743-23-XXXX	Cis-hex-3-en-1-ol⁽¹⁾ Self-classified	1 - <2 %
	Regulation 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 3: H226 - Warning 	
CAS: 4940-11-8 EC: 225-582-5 Index: Not relevant REACH: 01-2120758795-36-XXXX	2-ethyl-3-hydroxy-4-pyrone⁽¹⁾ Self-classified	1 - <2 %
	Regulation 1272/2008 Acute Tox. 4: H302 - Warning 	
CAS: 105-54-4 EC: 203-306-4 Index: Not relevant REACH: 01-2120118576-54-XXXX	Ethyl butyrate⁽¹⁾ Self-classified	1 - <2 %
	Regulation 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 3: H226 - Warning 	
CAS: 14901-07-6 EC: 238-969-9 Index: Not relevant REACH: 01-2119937833-30-XXXX	4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one⁽¹⁾ Self-classified	1 - <2 %
	Regulation 1272/2008 Aquatic Chronic 2: H411 	
CAS: 121-33-5 EC: 204-465-2 Index: Not relevant REACH: 01-2119516040-60-XXXX	Vanillin⁽¹⁾ Self-classified	1 - <2 %
	Regulation 1272/2008 Eye Irrit. 2: H319 - Warning 	
CAS: 127-41-3 EC: 204-841-6 Index: Not relevant REACH: 01-2120138061-71-XXXX	4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one⁽¹⁾ Self-classified	1 - <2 %
	Regulation 1272/2008 Aquatic Chronic 3: H412	
CAS: 28182-81-2 EC: 931-274-8 Index: Not relevant REACH: 01-2119485796-17-XXXX	Hexamethylene diisocyanate, oligomers⁽¹⁾ Self-classified	0,75 - <1 %
	Regulation 1272/2008 Acute Tox. 4: H332; Skin Sens. 1: H317; STOT SE 3: H335 - Warning 	
CAS: 71048-82-3 EC: 275-156-8 Index: Not relevant REACH: 01-2119535122-53-XXXX	[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one⁽¹⁾ Self-classified	0,1 - <0,25 %
	Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Warning 	
CAS: 3658-77-3 EC: 222-908-8 Index: Not relevant REACH: 01-2120754473-52-XXXX	4-hydroxy-2,5-dimethylfuran-2(3H)-one⁽¹⁾ Self-classified	0,1 - <0,25 %
	Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Corr. 1B: H314; Skin Sens. 1A: H317 - Danger 	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Identification	Acute toxicity		Genus
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation dust	Not relevant	
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	LD50 oral	1430 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation dust	1,5 mg/L	
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	LD50 oral	1200 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation dust	Not relevant	
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	LD50 oral	1400 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation dust	Not relevant	
4-hydroxy-2,5-dimethylfuran-2(3H)-one CAS: 3658-77-3 EC: 222-908-8	LD50 oral	1660 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation dust	Not relevant	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 5: FIREFIGHTING MEASURES (continued)

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 35 °C

Maximum time: 36 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,7 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,45 mg/m ³	Not relevant
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	3,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	24,58 mg/m ³	Not relevant
Methyl anthranilate CAS: 134-20-3 EC: 205-132-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	14 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	49,3 mg/m ³	Not relevant
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,14 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	9,8 mg/m ³	9,8 mg/m ³
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	3,33 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	11,75 mg/m ³	Not relevant
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	5,6 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	19,7 mg/m ³	Not relevant
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2,33 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	49,3 mg/m ³	Not relevant
4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one CAS: 14901-07-6 EC: 238-969-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	2,191 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,498 mg/m ³	Not relevant
4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one CAS: 127-41-3 EC: 204-841-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,28 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,987 mg/m ³	Not relevant
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	1 mg/m ³	Not relevant	0,5 mg/m ³
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	0,4 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,5 mg/m ³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	Oral	Not relevant	Not relevant	0,35 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,35 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,61 mg/m ³	Not relevant
Linalool CAS: 78-70-6 EC: 201-134-4	Oral	Not relevant	Not relevant	2,49 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,33 mg/m ³	Not relevant
Methyl anthranilate CAS: 134-20-3 EC: 205-132-4	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	8,7 mg/m ³	Not relevant

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	Oral	Not relevant	Not relevant	0,67 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,67 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	4,9 mg/m ³	4,9 mg/m ³
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	Oral	Not relevant	Not relevant	1,67 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	1,67 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	2,9 mg/m ³	Not relevant
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	Oral	Not relevant	Not relevant	2 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	3,48 mg/m ³	Not relevant
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Oral	Not relevant	Not relevant	0,833 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,833 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	7,4 mg/m ³	Not relevant
4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one CAS: 14901-07-6 EC: 238-969-9	Oral	Not relevant	Not relevant	4,383 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,54 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,621 mg/m ³	Not relevant
4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one CAS: 127-41-3 EC: 204-841-6	Oral	Not relevant	Not relevant	0,1 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,1 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,174 mg/m ³	Not relevant
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	Oral	Not relevant	Not relevant	0,25 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,25 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	0,43 mg/m ³	Not relevant

PNEC:

Identification					
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	STP	10 mg/L	Fresh water	0,008 mg/L	
	Soil	0,038 mg/kg	Marine water	0,0084 mg/L	
	Intermittent	0,084 mg/L	Sediment (Fresh water)	0,214 mg/kg	
	Oral	0,0233 g/kg	Sediment (Marine water)	0,021 mg/kg	
Linalool CAS: 78-70-6 EC: 201-134-4	STP	10 mg/L	Fresh water	0,2 mg/L	
	Soil	0,327 mg/kg	Marine water	0,02 mg/L	
	Intermittent	2 mg/L	Sediment (Fresh water)	2,22 mg/kg	
	Oral	0,0078 g/kg	Sediment (Marine water)	0,222 mg/kg	
Methyl anthranilate CAS: 134-20-3 EC: 205-132-4	STP	Not relevant	Fresh water	0,0872 mg/L	
	Soil	0,142 mg/kg	Marine water	0,00872 mg/L	
	Intermittent	0,185 mg/L	Sediment (Fresh water)	0,968 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,0968 mg/kg	
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	STP	7,59 mg/L	Fresh water	0 mg/L	
	Soil	0,001 mg/kg	Marine water	0 mg/L	
	Intermittent	0,011 mg/L	Sediment (Fresh water)	0,004 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0 mg/kg	
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	STP	1,55 mg/L	Fresh water	0,0072 mg/L	
	Soil	0,049 mg/kg	Marine water	0,00072 mg/L	
	Intermittent	Not relevant	Sediment (Fresh water)	0,269 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,027 mg/kg	
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	STP	23,6 mg/L	Fresh water	0,0297 mg/L	
	Soil	0,0171 mg/kg	Marine water	0,00297 mg/L	
	Intermittent	1 mg/L	Sediment (Fresh water)	0,173 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,0173 mg/kg	
4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one CAS: 14901-07-6 EC: 238-969-9	STP	0,043 mg/L	Fresh water	0,001 mg/L	
	Soil	10,466 mg/kg	Marine water	0 mg/L	
	Intermittent	0,015 mg/L	Sediment (Fresh water)	22,451 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	22,451 mg/kg	

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Vanillin CAS: 121-33-5 EC: 204-465-2	STP	10 mg/L	Fresh water	0,118 mg/L
	Soil	11,54 mg/kg	Marine water	0,012 mg/L
	Intermittent	Not relevant	Sediment (Fresh water)	58,22 mg/kg
	Oral	Not relevant	Sediment (Marine water)	5,822 mg/kg
4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one CAS: 127-41-3 EC: 204-841-6	STP	13,1 mg/L	Fresh water	0,0034 mg/L
	Soil	0,195 mg/kg	Marine water	0,00034 mg/L
	Intermittent	0,0138 mg/L	Sediment (Fresh water)	0,984 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,0984 mg/kg
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	STP	88 mg/L	Fresh water	0,127 mg/L
	Soil	53183 mg/kg	Marine water	0,013 mg/L
	Intermittent	1,27 mg/L	Sediment (Fresh water)	266701 mg/kg
	Oral	Not relevant	Sediment (Marine water)	26670 mg/kg
[1o(E),2B]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	STP	2,41 mg/L	Fresh water	0,007 mg/L
	Soil	0,177 mg/kg	Marine water	0,0007 mg/L
	Intermittent	0,0035 mg/L	Sediment (Fresh water)	0,906 mg/kg
	Oral	0,000074 g/kg	Sediment (Marine water)	0,0906 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.4 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		EN ISO 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Solid
Appearance:	Compact
Colour:	 Red
Odour:	Pleasant
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20 °C:	Not relevant *
Vapour pressure at 50 °C:	Not relevant *
Evaporation rate at 20 °C:	Not relevant *

Product description:

Density at 20 °C:	1043,3 kg/m ³
Relative density at 20 °C:	1,043
Dynamic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 40 °C:	>20,5 mm ² /s
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 °C:	Not relevant *
Partition coefficient n-octanol/water 20 °C:	Not relevant *
Solubility in water at 20 °C:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *

Flammability:

Flash Point:	Not relevant *
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	192 °C
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Explosive (Solid):

Lower explosive limit: Not relevant *

Upper explosive limit: Not relevant *

Particle characteristics:

Median equivalent diameter: Not relevant *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Not relevant *

Oxidising properties: Not relevant *

Corrosive to metals: Not relevant *

Heat of combustion: Not relevant *

Aerosols-total percentage (by mass) of flammable components: Not relevant *

Other safety characteristics:

Surface tension at 20 °C: Not relevant *

Refraction index: Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: C.I.Solvent Red 24 (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Linalool CAS: 78-70-6 EC: 201-134-4	LD50 oral	3500 mg/kg	Rat
	LD50 dermal	5610 mg/kg	Rabbit
	LC50 inhalation		
Methyl anthranilate CAS: 134-20-3 EC: 205-132-4	LD50 oral	2910 mg/kg	Rat
	LD50 dermal	5100 mg/kg	Rabbit
	LC50 inhalation		
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	LD50 oral	1430 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation	4500 mg/L	
	LC50 inhalation vapour	11 mg/L	
	LC50 inhalation dust	1,5 mg/L	
	LC50 inhalation mist	1,5 mg/L	

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification	Acute toxicity		Genus
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	LD50 oral	4615 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
2-ethyl-3-hydroxy-4-pyrone CAS: 4940-11-8 EC: 225-582-5	LD50 oral	1200 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Vanillin CAS: 121-33-5 EC: 204-465-2	LD50 oral	3500 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	LD50 oral	5100 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation	4500 mg/L	
	LC50 inhalation vapour	11 mg/L	
	LC50 inhalation dust	1,5 mg/L	
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	LD50 oral	1400 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
4-hydroxy-2,5-dimethylfuran-2(3H)-one CAS: 3658-77-3 EC: 222-908-8	LD50 oral	1660 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
	LC50	EC50		
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	LC50	4,2 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	52 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	36 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
Methyl anthranilate CAS: 134-20-3 EC: 205-132-4	LC50	9,12 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	18,2 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Not relevant		
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	LC50	381 mg/L (96 h)	Pimephales promelas	Fish
	EC50	Not relevant		
	EC50	Not relevant		
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	LC50	100 mg/L (96 h)	Danio rerio	Fish
	EC50	116,6 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	100 mg/L (72 h)	Desmodesmus subspicatus	Algae
4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one CAS: 14901-07-6 EC: 238-969-9	LC50	>1 - 10 mg/L (96 h)		Fish
	EC50	>1 - 10 mg/L (48 h)		Crustacean
	EC50	>1 - 10 mg/L (72 h)		Algae

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY
SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Vanillin CAS: 121-33-5 EC: 204-465-2	LC50	57 mg/L (96 h)	Pimephales promelas	Fish
	EC50	48,1 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	120 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one CAS: 127-41-3 EC: 204-841-6	LC50	>10 - 100 mg/L (96 h)		Fish
	EC50	>10 - 100 mg/L (48 h)		Crustacean
	EC50	>10 - 100 mg/L (72 h)		Algae
Hexamethylene diisocyanate, oligomers CAS: 28182-81-2 EC: 931-274-8	LC50	Not relevant		
	EC50	Not relevant		
	EC50	1000 mg/L (72 h)	Scenedesmus subspicatus	Algae
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	LC50	0,97 mg/L (96 h)	Oryzias latipes	Fish
	EC50	Not relevant		
	EC50	2,5 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
4-hydroxy-2,5-dimethylfuran-2(3H)-one CAS: 3658-77-3 EC: 222-908-8	LC50	Not relevant		
	EC50	Not relevant		
	EC50	194,03 mg/L (72 h)	Desmodesmus subspicatus	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	NOEC	1,483 mg/L	N/A	Fish
	NOEC	28,833 mg/L	Daphnia magna	Crustacean
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	NOEC	Not relevant		
	NOEC	0,35 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:
Substance-specific information:

Identification	Degradability		Biodegradability	
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	53 %
Linalool CAS: 78-70-6 EC: 201-134-4	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	90 %
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	BOD5	Not relevant	Concentration	21 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	73 %
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	77 %
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	BOD5	Not relevant	Concentration	4 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	76,5 %
Vanillin CAS: 121-33-5 EC: 204-465-2	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	14 days
	BOD5/COD	Not relevant	% Biodegradable	97 %
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	16 %
4-hydroxy-2,5-dimethylfuran-2(3H)-one CAS: 3658-77-3 EC: 222-908-8	BOD5	Not relevant	Concentration	Not relevant
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	96 %

12.3 Bioaccumulative potential:
Substance-specific information:

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Bioaccumulation potential	
Linalool CAS: 78-70-6 EC: 201-134-4	BCF	
	Pow Log	2.97
	Potential	
Methyl anthranilate CAS: 134-20-3 EC: 205-132-4	BCF	6
	Pow Log	1.88
	Potential	Low
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	BCF	
	Pow Log	1.48
	Potential	
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	BCF	8
	Pow Log	1.35
	Potential	Low
Vanillin CAS: 121-33-5 EC: 204-465-2	BCF	6
	Pow Log	1.37
	Potential	Low
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	BCF	81
	Pow Log	4.2
	Potential	Moderate

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Ethyl 2,3-epoxy-3-phenylbutyrate CAS: 77-83-8 EC: 201-061-8	Koc	240	Henry	Not relevant
	Conclusion	Moderate	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Benzaldehyde CAS: 100-52-7 EC: 202-860-4	Koc	Not relevant	Henry	2,85 Pa·m ³ /mol
	Conclusion	Not relevant	Dry soil	Yes
	Surface tension	3,827E-2 N/m (25 °C)	Moist soil	Yes
Cis-hex-3-en-1-ol CAS: 928-96-1 EC: 213-192-8	Koc	7	Henry	Not relevant
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
Ethyl butyrate CAS: 105-54-4 EC: 203-306-4	Koc	22181	Henry	Not relevant
	Conclusion	Immobile	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant
4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one CAS: 14901-07-6 EC: 238-969-9	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	3,952E-2 N/m (20 °C)	Moist soil	Not relevant
Vanillin CAS: 121-33-5 EC: 204-465-2	Koc	130	Henry	2,128E-4 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Not relevant
	Surface tension	1,622E-2 N/m (292,85 °C)	Moist soil	Not relevant
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EC: 275-156-8	Koc	1260	Henry	Not relevant
	Conclusion	Low	Dry soil	Not relevant
	Surface tension	Not relevant	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 13: DISPOSAL CONSIDERATIONS (continued)

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
07 01 04*	other organic solvents, washing liquids and mother liquors	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Contains more than 0.1 % of diisocyanates by weight. 1. Shall not be used as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 August 2023, unless:

(a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or (b) the employer or self-employed ensures that industrial or professional user(s) have successfully completed training on the safe use of diisocyanates prior to the use of the substance(s) or mixture(s).

2. Shall not be placed on the market as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 February 2022, unless:

(a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or (b) the supplier ensures that the recipient of the substance(s) or mixture(s) is provided with information on the requirements referred to in point (b) of paragraph 1 and the following statement is placed on the packaging, in a manner that is visibly distinct from the rest of the label information: "As from 24 August 2023 adequate training is required before industrial or professional use".

3. For the purpose of this entry "industrial and professional user(s)" means any worker or self-employed worker handling diisocyanates on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) or supervising these tasks.

4. The training referred to in point (b) of paragraph 1 shall include the instructions for the control of dermal and inhalation exposure to diisocyanates at the workplace without prejudice to any national occupational exposure limit value or other appropriate risk management measures at national level. Such training shall be conducted by an expert on occupational safety and health with competence acquired by relevant vocational training. That training shall cover as a minimum:

(a) the training elements in point (a) of paragraph 5 for all industrial and professional use(s).

(b) the training elements in points (a) and (b) of paragraph 5 for the following uses:

- handling open mixtures at ambient temperature (including foam tunnels)
- spraying in a ventilated booth
- application by roller
- application by brush
- application by dipping and pouring
- mechanical post treatment (e.g. cutting) of not fully cured articles which are not warm anymore
- cleaning and waste

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 15: REGULATORY INFORMATION (continued)

- any other uses with similar exposure through the dermal and/or inhalation route
- (c) the training elements in points (a), (b) and (c) of paragraph 5 for the following uses:
 - handling incompletely cured articles (e.g. freshly cured, still warm)
 - foundry applications
 - maintenance and repair that needs access to equipment
 - open handling of warm or hot formulations (> 45 °C)
 - spraying in open air, with limited or only natural ventilation (includes large industry working halls) and spraying with high energy (e.g. foams, elastomers)
 - and any other uses with similar exposure through the dermal and/or inhalation route.

5. Training elements:

(a) general training, including on-line training, on:

- chemistry of diisocyanates
- toxicity hazards (including acute toxicity)
- exposure to diisocyanates
- occupational exposure limit values
- how sensitisation can develop
- odour as indication of hazard
- importance of volatility for risk
- viscosity, temperature, and molecular weight of diisocyanates
- personal hygiene
- personal protective equipment needed, including practical instructions for its correct use and its limitations
- risk of dermal contact and inhalation exposure
- risk in relation to application process used
- skin and inhalation protection scheme
- ventilation
- cleaning, leakages, maintenance
- discarding empty packaging
- protection of bystanders
- identification of critical handling stages
- specific national code systems (if applicable)
- behaviour-based safety
- certification or documented proof that training has been successfully completed

(b) intermediate level training, including on-line training, on:

- additional behaviour-based aspects
- maintenance
- management of change
- evaluation of existing safety instructions
- risk in relation to application process used
- certification or documented proof that training has been successfully completed

(c) advanced training, including on-line training, on:

- any additional certification needed for the specific uses covered
- spraying outside a spraying booth
- open handling of hot or warm formulations (> 45 °C)
- certification or documented proof that training has been successfully completed

6. The training shall comply with the provisions set by the Member State in which the industrial or professional user(s) operate. Member States may implement or continue to apply their own national requirements for the use of the substance(s) or mixture (s), as long as the minimum requirements set out in paragraphs 4 and 5 are met.

7. The supplier referred to in point (b) of paragraph 2 shall ensure that the recipient is provided with training material and courses pursuant to paragraphs 4 and 5 in the official language(s) of the Member State(s) where the substance(s) or mixture(s) are supplied. The training shall take into consideration the specificity of the products supplied, including composition, packaging, and design.

8. The employer or self-employed shall document the successful completion of the training referred to in paragraphs 4 and 5. The training shall be renewed at least every five years.

9. Member States shall include in their reports pursuant to Article 117(1) the following information:

- (a) any established training requirements and other risk management measures related to the industrial and professional uses of diisocyanates foreseen in national law
- (b) the number of cases of reported and recognised occupational asthma and occupational respiratory and dermal diseases in relation to diisocyanates
- (c) national exposure limits for diisocyanates, if there are any
- (d) information about enforcement activities related to this restriction.

10. This restriction shall apply without prejudice to other Union legislation on the protection of safety and health of workers at the workplace.

Specific provisions in terms of protecting people or the environment:

- CONTINUED ON NEXT PAGE -

GO JUICY STRAWBERRY

SECTION 15: REGULATORY INFORMATION (continued)

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

Texts of the legislative phrases mentioned in section 2:

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

H317: May cause an allergic skin reaction.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

STOT SE 3: H335 - May cause respiratory irritation.

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

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

Abbreviations and acronyms:

GO JUICY STRAWBERRY

SECTION 16: OTHER INFORMATION (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -