

Design Report of Safety Data Sheet

Report No. :HGBZ2303YHB1	
Issue date:2023.03.06	
Product Name:	Scented Colorant For Tie Dye
Applicant:	Canal Toys Ltd
Supplier:	Canal Toys Ltd
Composition of the product:	Pink: Water(Aqua): 85.100% ; 1,2-Propanediol: 12.845% ; FD & C RED NO.3(CI 45430): 0.845% ; Ethyl 3-methyl-3-phenylglycidate : 0.49% ; Ethyl butyrate : 0.35% ; Ethyl-2-methyl butyrate : 0.21% ; Leaf acetate : 0.07% ; Sodium Dehydroacetate(Sodium Dehydroacetate): 0.050% ; Ethyl acetate : 0.035% ; Titanium Dioxide (CI 77891) : 0.005% ; Yellow: Water (Aqua) : 90.850% ; 1,2-Propanediol : 8.1477% ; g-Nonanolactone: 0.225% ; Anisaldehyde : 0.225% ; 3-Ethoxy-4-hydroxybenz-aldehyde : 0.18% ; FD&C Yellow No. 5 Aluminum Lake(CI 19140) : 0.080% ; Vanillin : 0.072% ; Ethyl acetate : 0.0585% ; Sodium Dehydroacetate (Sodium Dehydroacetate) : 0.050% ; Ethyl butyrate : 0.0468% ; Tetradecylaldehyde : 0.045% ; Titanium Dioxide(CI 77891) : 0.020% ; Turquoise: Water(Aqua) : 90.925% ; 1,2-Propanediol : 7.767% ; 2-Propenyl n-hexanoate : 0.2565% ; Ethyl butyrate : 0.225% ; Ethyl 3-methyl-3-phenylglycidate : 0.207% ; Ethyl maltol : 0.1755% ; Pentyl butyrate : 0.144% ; Allyl cyclohexylpropionate : 0.135% ; Ethyl-2-methyl butyrate : 0.09% ; Sodium Dehydroacetate : 0.050% ; FD&C Blue No.1(CI 42090) : 0.020% ; Titanium Dioxide(CI 77891) : 0.005% .
Warranty of Design:	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) Ninth revised edition
Design Result of SDS please see next page. Designer:  Auditor:  Approver:   常州合规思远产品安全技术有限公司 Changzhou Hegui Siyuan Products Safety Technology Service Co., Ltd.	

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Scented Colorant For Tie Dye



Version: V2.0.0.1

Report No.: HGBZ2303YHB1

Creation Date: 2023/03/07

Revision Date: 2023/03/07

*Prepared according to UN GHS (the 9th revised edition)

1 Identification

Product identifier

Product Name	Scented Colorant For Tie Dye
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

Recommended use of the product and restrictions on use

Relevant identified uses	Please consult manufacturer.
Uses advised against	Please consult manufacturer.

Details of the supplier

Name of the company	Canal Toys Ltd
Address of the company	18, rue Curnonsky, 75017 Paris, France
Post code	
Telephone number	+ 33 1 47 15 70 50
Fax number	
E-mail address	alexander.putzschke@canaltoys.fr

Emergency phone number

Emergency phone number	Société / Organisme: INRS / ORFILA Tel. +33 (0) 1 45 42 59 59 http://www.centres-antipoison.net
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2 Hazard(s) identification

Hazard classification according to GHS

According to GHS system (9th revised edition), not classified as a hazardous chemical.

GHS Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable
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Precautionary statements

◆ Prevention

Prevention	Not applicable
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◆ Response

Response	Not applicable
◆ Storage	
Storage	Not applicable
◆ Disposal	
Disposal	Not applicable

Hazard description

◆ Physical and chemical hazards

	No information available
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◆ Health hazards

Inhaled	Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects.
Eye	This product may cause temporary discomfort following direct contact with the eye.

◆ Environmental hazards

	Please refer to 12th chapter of SDS.
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3 Composition/information on ingredients

Substance/mixture

	Mixture
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Component	CAS No.	EC No.	Concentration (wt, %)
Pink			
Water(Aqua)	7732-18-5	231-791-2	85.100
1,2-Propanediol	57-55-6	200-338-0	12.845
FD & C RED NO.3(CI 45430)	16423-68-0	240-474-8	0.845
Ethyl 3-methyl-3-phenylglycidate	77-83-8	201-061-8	0.49
Ethyl butyrate	105-54-4	203-306-4	0.35
Ethyl-2-methyl butyrate	7452-79-1	231-225-4	0.21
Leaf acetate	3681-71-8	222-960-1	0.07
Sodium Dehydroacetate(Sodium Dehydroacetate)	4418-26-2	224-580-1	0.050
Ethyl acetate	141-78-6	205-500-4	0.035
Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	0.005
Yellow			
Water(Aqua)	7732-18-5	231-791-2	90.850
1,2-Propanediol	57-55-6	200-338-0	8.1477

g-Nonanolactone	104-61-0	203-219-1	0.225
Anisaldehyde	123-11-5	204-602-6	0.225
3-Ethoxy-4-hydroxybenz-a ldehyde	121-32-4	204-464-7	0.18
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	1934-21-0	217-699-5	0.080
Vanillin	126121-35-5	603-121-2	0.072
Ethyl acetate	141-78-6	205-500-4	0.0585
Sodium Dehydroacetate(Sodium Dehydroacetate)	4418-26-2	224-580-1	0.050
Ethyl butyrate	105-54-4	203-306-4	0.0468
Tetradecylaldehyde	124-25-4	204-692-7	0.045
Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	0.020
Turquoise			
Water(Aqua)	7732-18-5	231-791-2	90.925
1,2-Propanediol	57-55-6	200-338-0	7.767
2-Propenyl n-hexanoate	123-68-2	204-642-4	0.2565
Ethyl butyrate	105-54-4	203-306-4	0.225
Ethyl 3-methyl-3-phenylglycidat e	77-83-8	201-061-8	0.207
Ethyl maltol	4940-11-8	225-582-5	0.1755
Pentyl butyrate	540-18-1	208-739-2	0.144
Allyl cyclohexylpropionate	2705-87-5	220-292-5	0.135
Ethyl-2-methyl butyrate	7452-79-1	231-225-4	0.09
Sodium Dehydroacetate(Sodium Dehydroacetate)	4418-26-2	224-580-1	0.050
FD&C Blue No.1(CI 42090)	3844-45-9	223-339-8	0.020
Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	0.005

4 First-aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact	No harm in general situation. First aid is not needed.
Ingestion	Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

| Most important symptoms/effects, acute and delayed

1	Please see section 11.
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| Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures**| Extinguishing media**

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

| Specific hazards arising from the substance or mixture

1	Development of hazardous combustion gases or vapor possible in the event of fire.
2	Not considered a significant fire risk, however containers may burn.

| Special protective equipment and precautions for fire-fighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures**| Personal precautions, protective equipment and emergency procedures**

1	Use personal protective equipment, do not breathe gas/mist/vapour/spray.
2	Ensure adequate ventilation. Remove all sources of ignition.
3	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

| Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

| Methods and materials for containment and cleaning up

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.
3	Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
4	Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
5	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container.

7 Handling and storage**| Precautions for safe handling**

1	Handling is performed in a well ventilated place.
2	Avoid contact with eyes.

3	Keep away from heat/sparks/open flames/ hot surfaces.
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Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Keep away from heat/sparks/open flames/hot surfaces.
4	Store away from incompatible materials and foodstuff containers.

8 Exposure controls/personal protection

Control parameters

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m³	ppm	mg/m³
1,2-Propanediol	United Kingdom	-	10	-	-
	United Kingdom	150	474	-	-
	New Zealand	150	474	-	-
	Latvia	-	7	-	-
	Ireland	-	10	-	-
	Ireland	150	470	-	-
	Canada - Ontario	-	10	-	-
	Canada - Ontario	50	155	-	-
	Australia	-	10	-	-
	Australia	150	474	-	-
Ethyl acetate	USA - OSHA	400	1400	-	-
	South Korea	400	1400	-	-
	Ireland	200	-	400	-
	Germany (AGS)	400	1500	800	3000
	Denmark	150	540	300	1080
	Australia	200	720	400	1440
	USA-ACGIH	400	-	-	-
Titanium Dioxide (CI 77891)	USA - OSHA	-	15	-	-
	South Korea	-	10	-	-
	Ireland	-	10	-	-
	France	-	11	-	-
	Denmark	-	6	-	12
	Australia	-	10	-	-
	USA-ACGIH		2.5		
	USA-ACGIH		0.2		

◆ Biological limit values	
Biological limit values	No relevant regulations

◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300 series standard Determination of toxic substances in workplace air.

| Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.
3	Set up emergency exit and necessary risk-elimination area.
4	Handle in accordance with good industrial hygiene and safety practice.

| Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
Skin and body protection	In general situation, skin and body protection are not needed.

9 Physical and chemical properties and safety characteristics

| Physical and chemical properties

Physical state	Liquid
Colour	Pink/Yellow/Turquoise
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	< 20
Initial boiling point and boiling range(°C)	>35
Flash point(Closed cup,°C)	> 93
Evaporation rate	No information available
Flammability	Not flammable
Upper/lower explosive limits[% (v/v)]	Upper limit: No information available; Lower limit: No information available
Vapor pressure	No information available
Relative vapour density(Air = 1)	No information available
Relative density(Water=1)	1.08
Solubility	Soluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition	No information available

temperature(°C)	
Kinematic viscosity	No information available
Particle characteristics	Not applicable

10 Stability and reactivity

| Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen. In contact with metal alkoxides may cause a fire.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Alkali, sodium, calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide. Metal alkyl oxide, metal hydride, inorganic peroxide, nitrate and halogens oxyacid salts.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

| Acute toxicity

Component	LD₅₀(oral)	LD₅₀(dermal)	LC₅₀(inhalation,4h)
Ethyl maltol	1150mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
1,2-Propanediol	20000mg/kg(Rat)	20800mg/kg(Rabbit)	No information available
Tetradecylaldehyde	> 5000mg/kg(Rat)	> 10000mg/kg(Rabbit)	No information available
Allyl cyclohexylpropionate	585mg/kg(Rat)	No information available	No information available
g-Nonanolactone	6600mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
Ethyl 3-methyl-3-phenylglycidate	5470mg/kg(Rat)	No information available	No information available
Pentyl butyrate	12210mg/kg(Rat)	No information available	No information available
Anisaldehyde	1510mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
3-Ethoxy-4-hydroxybenzaldehyde	1590mg/kg(Rat)	> 7940mg/kg(Rabbit)	No information available
Ethyl butyrate	13000mg/kg(Rat)	> 2000mg/kg(Rabbit)	No information available
FD & C RED NO.3(CI 45430)	1840mg/kg(Rat)	No information available	No information available
Sodium Dehydroacetate(Sodium Dehydroacetate)	500mg/kg(Rat)	No information available	No information available
Leaf acetate	> 5000mg/kg(Rat)	> 5000mg/kg(Rabbit)	No information available
2-Propenyl n-hexanoate	218mg/kg(Rat)	300mg/kg(Rabbit)	No information available
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	12750mg/kg(Mouse)	No information available	No information available
Ethyl acetate	5620mg/kg(Rat)	> 18000mg/kg(Rabbit)	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Water(Aqua)	Not Listed	Not Listed
1,2-Propanediol	Not Listed	Not Listed
FD & C RED NO.3(CI 45430)	Not Listed	Not Listed
Ethyl 3-methyl-3-phenylglycidate	Not Listed	Not Listed
Ethyl butyrate	Not Listed	Not Listed
Ethyl-2-methyl butyrate	Not Listed	Not Listed
Leaf acetate	Not Listed	Not Listed
Sodium Dehydroacetate(Sodium Dehydroacetate)	Not Listed	Not Listed
Ethyl acetate	Not Listed	Not Listed
Titanium Dioxide (CI 77891)	Category 2B	Not Listed
g-Nonanolactone	Not Listed	Not Listed
Anisaldehyde	Not Listed	Not Listed
3-Ethoxy-4-hydroxybenzaldehyde	Not Listed	Not Listed
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	Not Listed	Not Listed
Vanillin	Not Listed	Not Listed
Tetradecylaldehyde	Not Listed	Not Listed
2-Propenyl n-hexanoate	Not Listed	Not Listed
Ethyl maltol	Not Listed	Not Listed
Pentyl butyrate	Not Listed	Not Listed
Allyl cyclohexylpropionate	Not Listed	Not Listed
FD&C Blue No.1(CI 42090)	Category 3	Not Listed

Others

Scented Colorant For Tie Dye	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

12 Ecological information

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae
Ethyl-2-methyl butyrate	LC ₅₀ : > 100mg/L (96h)(Fish)	No information available	No information available
Ethyl maltol	LC ₅₀ : > 85mg/L (96h)(Fish)	EC ₅₀ : 27mg/L (48h)(Crustaceans)	No information available
1,2-Propanediol	LC ₅₀ : 39800mg/L (96h)(Fish)	EC ₅₀ : >1000mg/L (48h)(Crustaceans)	ErC ₅₀ : >1000mg/L (72h)(Algae)
Allyl cyclohexylpropionate	LC ₅₀ : 0.13mg/L (96h)(Fish)	No information available	No information available
g-Nonanolactone	LC ₅₀ : 50.55mg/L (96h)(Fish)	No information available	No information available
Ethyl 3-methyl-3-phenylglycidate	LC ₅₀ : 4.2mg/L (96h)(Fish)	No information available	No information available
Anisaldehyde	LC ₅₀ : 40mg/L (96h)(Fish)	EC ₅₀ : 45mg/L (48h)(Crustaceans)	ErC ₅₀ : 61mg/L (72h)(Algae)
3-Ethoxy-4-hydroxybenzaldehyde	No information available	EC ₅₀ : 26.2mg/L (48h)(Crustaceans)	No information available
Ethyl butyrate	LC ₅₀ : ≥ 100mg/L (96h)(Fish)	No information available	No information available
FD & C RED NO.3(CI 45430)	LC ₅₀ : > 100mg/L (96h)(Fish)	EC ₅₀ : 8.1mg/L (48h)(Crustaceans)	No information available
Sodium Dehydroacetate(Sodium Dehydroacetate)	LC ₅₀ : 100mg/L (96h)(Fish)	EC ₅₀ : > 100mg/L (48h)(Crustaceans)	No information available
Leaf acetate	LC ₅₀ : 13mg/L (96h)(Fish)	No information available	No information available
2-Propenyl n-hexanoate	LC ₅₀ : 0.117mg/L (96h)(Fish)	No information available	No information available
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	LC ₅₀ : > 120mg/L (96h)(Fish)	EC ₅₀ : > 125mg/L (48h)(Crustaceans)	No information available
Ethyl acetate	LC ₅₀ : 230mg/L (96h)(Fish)	No information available	ErC ₅₀ : 2500mg/L (96h)(Algae)

Chronic aquatic toxicity

Component	Fish	Crustaceans	Algae
Ethyl butyrate	NOEC: 1.483mg/L(Fish)	No information available	No information available
1,2-Propanediol	NOEC: >100mg/L(Fish)	NOEC: 1000mg/L(Crustaceans)	NOEC: 1000mg/L(Algae)
Anisaldehyde	No information available	NOEC: 0.71mg/L(Crustaceans)	NOEC: 1.6mg/L(Algae)

Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
Water(Aqua)	Low	Low
1,2-Propanediol	Low	Low
FD & C RED NO.3(CI 45430)	High	High
Ethyl 3-methyl-3-phenylglycidate	High	High
Ethyl-2-methyl butyrate	Low	Low
Leaf acetate	Low	Low
Titanium Dioxide (CI 77891)	High	High
g-Nonanolactone	Low	Low
Anisaldehyde	Low	Low
3-Ethoxy-4-hydroxybenzaldehyde	Low	Low
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	High	High
Tetradecylaldehyde	Low	Low
2-Propenyl n-hexanoate	Low	Low
Ethyl maltol	High	High
Pentyl butyrate	Low	Low
Allyl cyclohexylpropionate	Low	Low

Bioaccumulative potential

Component	Bioaccumulative potential	Comments
Water(Aqua)	Low	Log Kow=-1.38
1,2-Propanediol	Low	BCF=1
FD & C RED NO.3(CI 45430)	High	Log Kow=6.2002
Ethyl 3-methyl-3-phenylglycidate	Low	Log Kow=3.0006
Ethyl-2-methyl butyrate	Low	Log Kow=2.264
Leaf acetate	Low	Log Kow=2.6136
Titanium Dioxide (CI 77891)	Low	BCF=10
g-Nonanolactone	Low	Log Kow=2.0761
Anisaldehyde	Low	Log Kow=1.76
3-Ethoxy-4-hydroxybenzaldehyde	Low	Log Kow=1.58
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	Low	BCF=3

Tetradecylaldehyde	High	Log Kow=5.7273
2-Propenyl n-hexanoate	Low	Log Kow=3.1833
Ethyl maltol	Low	Log Kow=1.787
Pentyl butyrate	Low	Log Kow=3.3197
Allyl cyclohexylpropionate	Medium	Log Kow=4.4707

| Mobility in soil

Component	Mobility in soil	Soil Organic Carbon-Water Partitioning Coefficient (Koc)
Water(Aqua)	Low	14.3
1,2-Propanediol	High	1
FD & C RED NO.3(CI 45430)	Low	18860
Ethyl 3-methyl-3-phenylglycidate	Low	73.94
Ethyl-2-methyl butyrate	Low	36.12
Leaf acetate	Low	70.95
Titanium Dioxide (CI 77891)	Low	23.74
g-Nonanolactone	Low	140.1
Anisaldehyde	Low	23.26
3-Ethoxy-4-hydroxybenzaldehyde	Low	70.92
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	Low	79.38
Tetradecylaldehyde	Low	2321
2-Propenyl n-hexanoate	Low	137.1
Ethyl maltol	Low	10
Pentyl butyrate	Low	137.1
Allyl cyclohexylpropionate	Low	878.9

| Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Water(Aqua)	Insufficient information, temporarily unable to evaluate
1,2-Propanediol	Not PBT/vPvB
FD & C RED NO.3(CI 45430)	Not PBT/vPvB
Ethyl 3-methyl-3-phenylglycidate	Not PBT/vPvB
Ethyl butyrate	Not PBT/vPvB

Ethyl-2-methyl butyrate	Not PBT/vPvB
Leaf acetate	Not PBT/vPvB
Sodium Dehydroacetate(Sodium Dehydroacetate)	Not PBT/vPvB
Ethyl acetate	Not PBT/vPvB
Titanium Dioxide (CI 77891)	Not applicable
g-Nonanolactone	Not PBT/vPvB
Anisaldehyde	Insufficient information, temporarily unable to evaluate
3-Ethoxy-4-hydroxybenz-a ldehyde	Not PBT/vPvB
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	Not PBT/vPvB
Vanillin	Insufficient information, temporarily unable to evaluate
Tetradecylaldehyde	Insufficient information, temporarily unable to evaluate
2-Propenyl n-hexanoate	Not PBT/vPvB
Ethyl maltol	Not PBT/vPvB
Pentyl butyrate	Insufficient information, temporarily unable to evaluate
Allyl cyclohexylpropionate	Not PBT/vPvB
FD&C Blue No.1(CI 42090)	Not PBT/vPvB

13 Disposal considerations

| Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

| Label and Mark

Transporting Label	Not applicable
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| IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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| IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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| UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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15 Regulatory information

International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
Water(Aqua)	✓	✓	✓	✓	✓	✓	✓	✓	✓
1,2-Propanediol	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD & C RED NO.3(CI 45430)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl 3-methyl-3-phenylglycidate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl butyrate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl-2-methyl butyrate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Leaf acetate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sodium Dehydroacetate(Sodium Dehydroacetate)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl acetate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Titanium Dioxide (CI 77891)	✓	✓	✓	✓	✓	✓	✓	✓	✓
g-Nonanolactone	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anisaldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓
3-Ethoxy-4-hydroxybenz-aldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD&C Yellow No. 5 Aluminum Lake(CI 19140)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vanillin	×	×	×	✓	✓	×	×	✓	×
Tetradecylaldehyde	✓	✓	✓	✓	✓	✓	✓	✓	✓
2-Propenyl n-hexanoate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl maltol	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pentyl butyrate	✓	✓	✓	✓	✓	✓	✓	✓	✓
Allyl cyclohexylpropionate	✓	✓	✓	✓	✓	✓	✓	✓	✓
FD&C Blue No.1(CI 42090)	✓	✓	✓	✓	✓	✓	✓	✓	✓

[EC inventory] European Inventory of Existing Commercial Chemical Substances

[TSCA] United States Toxic Substances Control Act Inventory

[DSL] Canadian Domestic Substances List

[IECSC] China Inventory of Existing Chemical Substances

[NZIoC] New Zealand Inventory of Chemicals

[PICCS] Philippines Inventory of Chemicals and Chemical Substances

[KECI] Korea Existing Chemicals Inventory

[AIIC] Australian. Inventory of Industrial Chemical (AIIC)

[ENCS] Japan Inventory of Existing & New Chemical Substances

Note:

“✓” Indicates that the substance included in the regulations.

“×” No data or not included in the regulations.

16 Other information

Information on revision

Creation Date	2023/03/07
Revision Date	2023/03/07
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2] IARC, website: <http://www.iarc.fr/>.
- [3] OECD: The Global Portal to Information on Chemical Substances, website: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [4] CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5] NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6] EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7] U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8] Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P _{ow}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 9th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.