SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date 29-Oct-2021 **Revision date** 29-Oct-2021 **Revision Number** 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name Diamond D10-ESM Cyan

Contains Butoxyethyl acetate, gamma-Butyrolactone

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

Recommended use Digital Printing

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer
NUTEC DIGITAL INK (PTY) LTD. 1 CLIFFORD STREET OTTERY, 7800 SOUTH AFRICA
For further information, please contact

Emergency: New Zealand 0800 Poison (0800 764 766)
Supplier: Hitec-Ink
Unit 4 / 231 Annex Road
Middleton 8025
Christchurch
Ph 03 6660100

1.4. Emergency telephone number

Emergency Telephone During normal opening times: +27 21 763 6990
24 Hours: +27 83 326 0774

Emergency Telephone - §45 - (EC)1272/2008	
Europe	**112**

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Inhalation (Vapours)	Category 4 - (H332)
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity — single exposure	Category 3 - (H336)

2.2. Label elements

Contains Butoxyethyl acetate, gamma-Butyrolactone

Signal word
Danger

Hazard statements
H318 - Causes serious eye damage
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness

Precautionary Statements - EU (§28, 1272/2008)

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
P280 - Wear eye protection/ face protection
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information
This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Diethylene glycol diethyl ether 112-36-7	<35	01-2119969946-13-XXXX	203-963-7	Eye Irrit. 2 (H319)	-	-	-
gamma-Butyrolactone 96-48-0	<25	01-2119471839-21-XXXX	202-509-5	Acute Tox. 4 (H302) Eye Dam. 1 (H318) STOT SE 3 (H336)	-	-	-
Dipropylene glycol monomethyl ether 34590-94-8	<15	No data available	252-104-2	non Hazardous	-	-	-
Butoxyethyl acetate 112-07-2	<15	01-2119475112-47-XXXX	203-933-3	Acute Tox. 4 (H312) Acute Tox. 4 (H332)	-	-	-
Blue Pigment	<10	No data available	.?	non Hazardous	-	-	-

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate
If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Diethylene glycol diethyl ether	4970	No data available	No data available	No data available	No data available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
112-36-7					
gamma-Butyrolactone 96-48-0	1540	5640	No data available	No data available	No data available
Dipropylene glycol monomethyl ether 34590-94-8	5350	9500	No data available	No data available	No data available
Butoxyethyl acetate 112-07-2	2400	1500	No data available	2.621	No data available
Blue Pigment	10000	5000	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention. Remove to fresh air. If symptoms persist, call a doctor. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Eye contact Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid breathing vapours or mists. Use personal protective equipment as required. See section 8 for more information.

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

Symptoms Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Coughing and/ or wheezing. Difficulty in breathing.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapours or mists. Use personal protective equipment as required.

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

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapours or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in the Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits .

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m³ *	TWA: 50 ppm TWA: 307 mg/m³ STEL 100 ppm STEL 614 mg/m³ H*	TWA: 50 ppm TWA: 308 mg/m³ *	TWA: 50 ppm TWA: 308.0 mg/m³ K*	TWA: 50 ppm TWA: 308 mg/m³ *
Butoxyethyl acetate 112-07-2	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ *	TWA: 20 ppm TWA: 133 mg/m³ STEL 40 ppm STEL 270 mg/m³ H*	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ *	STEL: 50 ppm STEL: 333 mg/m³ TWA: 20 ppm TWA: 133 mg/m³ K*	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ *
Blue Pigment	-	TWA: 1 mg/m³ TWA: 0.1 mg/m³ STEL 4 mg/m³ STEL 0.4 mg/m³	-	-	-

Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
gamma-Butyrolactone 96-48-0	-	-	-	-	TWA: 50 ppm TWA: 14 mg/m³ STEL: 250 ppm STEL: 70 mg/m³ iho*
Dipropylene glycol monomethyl ether 34590-94-8	* TWA: 50 ppm TWA: 308 mg/m³	TWA: 270 mg/m³ Ceiling: 550 mg/m³ *	TWA: 50 ppm TWA: 309 mg/m³ H*	TWA: 50 ppm TWA: 308 mg/m³ A*	TWA: 50 ppm TWA: 310 mg/m³ iho*
Butoxyethyl acetate 112-07-2	* STEL: 50 ppm STEL: 333 mg/m³ TWA: 20 ppm TWA: 133 mg/m³	TWA: 130 mg/m³ Ceiling: 300 mg/m³ *	TWA: 20 ppm TWA: 134 mg/m³ H*	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ A*	TWA: 20 ppm TWA: 130 mg/m³ STEL: 50 ppm STEL: 330 mg/m³ iho*
Blue Pigment	-	-	-	-	TWA: 0.02 mg/m³

Chemical name	France	Germany	Germany MAK	Greece	Hungary
gamma-Butyrolactone 96-48-0	-	-	*	-	-
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m³ *	TWA: 50 ppm TWA: 310 mg/m³	TWA: 50 ppm TWA: 310 mg/m³ Peak: 50 ppm Peak: 310 mg/m³	TWA: 100 ppm TWA: 600 mg/m³ STEL: 150 ppm STEL: 900 mg/m³ skin - potential for cutaneous absorption	TWA: 308 mg/m³
Butoxyethyl acetate 112-07-2	TWA: 10 ppm TWA: 66.5 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ *	TWA: 10 ppm TWA: 65 mg/m³ H*	TWA: 10 ppm TWA: 66 mg/m³ Peak: 20 ppm Peak: 132 mg/m³ *	TWA: 20 ppm TWA: 135 mg/m³ STEL: 40 ppm STEL: 270 mg/m³	TWA: 133 mg/m³ STEL: 333 mg/m³ *
Blue Pigment	-	-	-	-	TWA: 0.1 mg/m³ STEL: 0.2 mg/m³

Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m³ STEL: 150 ppm STEL: 924 mg/m³ Sk*	TWA: 50 ppm TWA: 308 mg/m³ pelle*	TWA: 100 ppm TWA: 606 mg/m³ STEL: 150 ppm STEL: 909 mg/m³ *	TWA: 50 ppm TWA: 308 mg/m³ *	* TWA: 300 mg/m³ TWA: 50 ppm STEL: 450 mg/m³ STEL: 75 ppm

Butoxyethyl acetate 112-07-2	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ Sk*	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ pelle*	TWA: 20 ppm TWA: 131 mg/m³	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ *	* TWA: 10 ppm TWA: 70 mg/m³ STEL: 20 ppm STEL: 140 mg/m³
Blue Pigment	-	-	TWA: 1 mg/m³	TWA: 5 mg/m³	TWA: 5 mg/m³

Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Dipropylene glycol monomethyl ether 34590-94-8	* TWA: 308 mg/m³ TWA: 50 ppm	* TWA: 50 ppm TWA: 308 mg/m³	TWA: 300 mg/m³	TWA: 50 ppm TWA: 300 mg/m³ STEL: 75 ppm STEL: 375 mg/m³ H*	STEL: 480 mg/m³ TWA: 240 mg/m³ *
Butoxyethyl acetate 112-07-2	* STEL: 50 ppm STEL: 333 mg/m³ TWA: 20 ppm TWA: 133 mg/m³	* STEL: 50 ppm STEL: 333 mg/m³ TWA: 20 ppm TWA: 133 mg/m³	TWA: 135 mg/m³ STEL: 333 mg/m³ H*	TWA: 10 ppm TWA: 65 mg/m³ STEL: 20 ppm STEL: 97.5 mg/m³ H*	STEL: 300 mg/m³ TWA: 100 mg/m³ *

Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m³ STEL: 150 ppm P*	TWA: 50 ppm TWA: 308 mg/m³ *	TWA: 50 ppm TWA: 308 mg/m³ *	TWA: 50 ppm TWA: 308 mg/m³ STEL: 50 ppm STEL: 308 mg/m³ *	TWA: 50 ppm TWA: 308 mg/m³ vía dérmica*
Butoxyethyl acetate 112-07-2	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ P*	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ *	TWA: 20 ppm TWA: 133 mg/m³ * Ceiling: 333 mg/m³	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ *	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 333 mg/m³ vía dérmica*
Blue Pigment	-	-	-	-	TWA: 0.1 mg/m³

Chemical name	Sweden	Switzerland	United Kingdom
Dipropylene glycol monomethyl ether 34590-94-8	NGV: 50 ppm NGV: 300 mg/m³ Vägledande KGV: 75 ppm Vägledande KGV: 450 mg/m³ *	TWA: 50 ppm TWA: 300 mg/m³ STEL: 50 ppm STEL: 300 mg/m³	TWA: 50 ppm TWA: 308 mg/m³ STEL: 150 ppm STEL: 924 mg/m³ Sk*
Butoxyethyl acetate 112-07-2	NGV: 10 ppm NGV: 70 mg/m³ Bindande KGV: 50 ppm Bindande KGV: 333 mg/m³ *	TWA: 10 ppm TWA: 66 mg/m³ STEL: 20 ppm STEL: 132 mg/m³ H*	TWA: 20 ppm TWA: 133 mg/m³ STEL: 50 ppm STEL: 332 mg/m³ Sk*

Biological occupational exposure limits

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Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
Butoxyethyl acetate 112-07-2	-	-	-	-	200 mg/g Creatinine (urine - Butoxyacetic acid end of shift at end of workweek) 0.17 mmol/mmol Creatinine (urine - Butoxyacetic acid end of shift at end of workweek)

Chemical name	Denmark	Finland	France	Germany	Germany MAK
Butoxyethyl acetate 112-07-2	-	-	-	150 mg/g Creatinine (urine - Butoxyacetic acid (after hydrolysis) for long-term exposures: at the	150 mg/g Creatinine (urine - Butoxyacetic acid (after hydrolysis) for long-term exposures: at the

				end of the shift after several shifts) 150 mg/g Creatinine (urine - Butoxyacetic acid (after hydrolysis) end of shift) 150 mg/g Creatinine - BAT (for long-term exposures: at the end of the shift after several shifts) urine 150 mg/g Creatinine - BAT (end of exposure or end of shift) urine	end of the shift after several shifts) 150 mg/g Creatinine (urine - Butoxyacetic acid (after hydrolysis) end of shift)

Chemical name	Slovenia	Spain	Switzerland	United Kingdom
Butoxyethyl acetate 112-07-2	150 mg/g Creatinine - urine (Butoxyacetic acid (after hydrolysis)) - at the end of the work shift; for long-term exposure: at the end of the work shift after several consecutive workdays	-	150 mg/g creatinine (urine - 2-Butoxyacetic acid (after hydrolysis) end of shift, and after several shifts (for long-term exposures))	-

Derived No Effect Level (DNEL) No information available.
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Liquid
Colour Cyan
Odour Characteristic.
Odour threshold No information available

Property	Values	Remarks • Method
Melting point / freezing point	No data available	None known
Initial boiling point and boiling	100 °C	

range		
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	> 100 °C	
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	No data available	None known
pH (as aqueous solution)	No data available	No information available
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	No data available Immiscible in water	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	No data available	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Excessive heat.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation May cause drowsiness or dizziness. Specific test data for the substance or mixture is not available. Harmful by inhalation. (based on components).

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Coughing and/or wheezing.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	3,001.70 mg/kg
ATEmix (dermal)	3,457.00 mg/kg
ATEmix (inhalation-dust/mist)	5.57 mg/l
ATEmix (inhalation-vapour)	13.40 mg/l

Unknown acute toxicity

90.27232 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene glycol diethyl ether	= 4970 mg/kg (Rat)	-	-
gamma-Butyrolactone	= 1540 mg/kg (Rat)	> 5640 mg/kg (Rabbit)	> 5100 mg/m³ (Rat) 4 h
Dipropylene glycol monomethyl ether	= 5.35 g/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Butoxyethyl acetate	= 2400mg/kg (Rat)	= 1500 mg/kg (Rabbit)	> 400 ppm (Rat) 4 h
Blue Pigment	> 10000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure No information available.

gamma-Butyrolactone (96-48-0)
Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity .

Unknown aquatic toxicity Contains 2.90132 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
gamma-Butyrolactone	EC50: =360mg/L (72h, Desmodesmus subspicatus) EC50: =79mg/L (96h, Desmodesmus subspicatus)	LC50: =56mg/L (96h, Lepomis macrochirus)	-	EC50: >500mg/L (48h, Daphnia magna Straus)
Dipropylene glycol monomethyl ether	-	LC50: >10000mg/L (96h, Pimephales promelas)	-	LC50: =1919mg/L (48h, Daphnia magna)
Butoxyethyl acetate	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: 20 - 40mg/L (96h, Oncorhynchus mykiss)	-	EC50: =37mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
gamma-Butyrolactone	-0.566
Dipropylene glycol monomethyl ether	-0.064
Butoxyethyl acetate	1.51
Blue Pigment	6.6

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product contains substance(s) classified as PBT or vPvB. .

Chemical name	PBT and vPvB assessment
Diethylene glycol diethyl ether	The substance is not PBT / vPvB
gamma-Butyrolactone	The substance is not PBT / vPvB PBT assessment does not apply
Dipropylene glycol monomethyl ether	The substance is not PBT / vPvB
Butoxyethyl acetate	The substance is not PBT / vPvB
Blue Pigment	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Other information Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

IATA

14.1 UN number or ID number Not regulated
14.2
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user Special Provisions None

IMDG

14.1 UN number or ID number Not regulated
14.2
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user Special Provisions None No information available
14.7 Maritime transport in bulk according to IMO instruments No information available

RID

14.1 UN number or ID number Not regulated
14.2
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazards Not applicable
14.6 Special precautions for user Special Provisions None

ADR

14.1 UN number or ID number	Not regulated
14.2	
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information

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

National regulations

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Diethylene glycol diethyl ether 112-36-7	RG 84	-
gamma-Butyrolactone 96-48-0	RG 84	-
Dipropylene glycol monomethyl ether 34590-94-8	RG 84	-
Butoxyethyl acetate 112-07-2	RG 84	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDSL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness

Legend
SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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

Europe

Europe Full process, including GHS and Transportation Wizards

Specific target organ toxicity — single exposure	Category 3

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