

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

1.1. Product identifier

Product form : Mixture
Product name : COLORJOINT
Product code : CJxxx

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Industrial/Professional use spec : For professional use only
Industrial

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Unika Ltd
Unika House New York Way
NE27 0QF Newcastle upon Tyne – Tyne & Wear
United Kingdom
T +44 (0)191 259 0033 - F +44 (0)191 257 4525
sales@unika.co.uk - www.unika.co.uk

Only Representative

Ricardo Nederland BV B.V.
Catharijnesingel 33 3511 GC Utrecht
Netherlands

1.4. Emergency telephone number

Emergency number : Tel : 0191 259 0033 (office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH208 - Contains N-(3-(TRIMETHOXSILYL)PROPYL)ETHYLENEDIAMINE(1760-24-3), DIOCTYL TIN BIS (ACETYLACETONATE)(54068-28-9), N-[3-(DIMETHOXYMETHYLSILYL)PROPYL]ETHYLENEDIAMINE(3069-29-2). May produce an allergic reaction.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
DIISONONYL PHTHALATE	CAS-No.: 28553-12-0 EC-No.: 249-079-5	≥ 10 – < 20	Aquatic Chronic 3, H412
TRIMETHOXYVINYL SILANE	CAS-No.: 2768-02-7 EC-No.: 220-449-8 REACH-no: 01-2119513215-52	≥ 1 – < 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332
N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE	CAS-No.: 1760-24-3 EC-No.: 217-164-6 REACH-no: 01-2119970215-39	< 1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318
DIOCTYL TIN BIS (ACETYLACETONATE)	CAS-No.: 54068-28-9 EC-No.: 483-270-6	< 1	Skin Sens. 1, H317 Repr. 2, H361fd STOT RE 2, H373 Aquatic Chronic 3, H412
N-[3-(DIMETHOXYMETHYLSILYL)PROPYL]ETHYLENEDIAMINE	CAS-No.: 3069-29-2 EC-No.: 221-336-6 REACH-no: 01-2119963926-21	< 1	Skin Sens. 1, H317 Eye Dam. 1, H318

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: None under recommended storage and handling conditions (see section 7).
First-aid measures after inhalation	: None under recommended storage and handling conditions (see section 7). If you feel unwell, seek medical advice.
First-aid measures after skin contact	: None under recommended storage and handling conditions (see section 7). If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this container or label.

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

Symptoms/effects	: None under normal conditions.
Symptoms/effects after inhalation	: None under recommended storage and handling conditions (see section 7).
Symptoms/effects after skin contact	: Remove/Take off immediately all contaminated clothing. None under recommended storage and handling conditions (see section 7).
Symptoms/effects after eye contact	: None under recommended storage and handling conditions (see section 7). Seek medical attention if ill effect or irritation develops.
Symptoms/effects after ingestion	: None under recommended storage and handling conditions (see section 7).

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry chemical, CO ₂ , or water spray or regular foam.
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5.2. Special hazards arising from the substance or mixture

Fire hazard : None to our knowledge. If there is a fire close by, use suitable extinguishing agents.
Explosion hazard : No direct explosion hazard.
Reactivity in case of fire : Product is not explosive.
Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with.
Emergency procedures : See section 8 of the SDS for more information on personal protective equipment.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : None under recommended storage and handling conditions (see section 7).

7.2. Conditions for safe storage, including any incompatibilities

No additional information available

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

DIISONONYL PHTHALATE (28553-12-0)	
Croatia - Occupational Exposure Limits	
Local name	Diizononil-ftalat
GVI (OEL TWA) [1]	5 mg/m ³
Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN 1/2021)

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DIISONONYL PHTHALATE (28553-12-0)	
Czech Republic - Occupational Exposure Limits	
Local name	Diisononylfталát
PEL (OEL TWA)	3 mg/m ³
PEL (OEL TWA) [ppm]	0.17 ppm
NPK-P (OEL C)	10 mg/m ³
NPK-P (OEL C) [ppm]	0.57 ppm
Regulatory reference	Nařizení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)
Denmark - Occupational Exposure Limits	
Local name	Diisononylphthalat
OEL TWA [1]	3 mg/m ³
Regulatory reference	BEK nr 1426 af 28. juni 2021
Ireland - Occupational Exposure Limits	
Local name	Diisononyl phthalate
OEL TWA [1]	5 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	Diisononyl phthalate
WEL TWA (OEL TWA) [1]	5 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Iceland - Occupational Exposure Limits	
Local name	Díísónónýltalat
OEL TWA	3 mg/m ³
Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

No additional information available

8.2.3. Environmental exposure controls

No additional information available

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Various.
Odour	: Perceptible odour.
Odour threshold	: No data available
pH	: 11
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available.
Relative density	: 1.48
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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DIISONONYL PHTHALATE (28553-12-0)	
LD50 oral rat	> 10000 mg/kg bodyweight Animal: rat
LD50 dermal rabbit	> 3160 mg/kg bodyweight Animal: rabbit, Animal sex: female
LC50 Inhalation - Rat	> 4.4 mg/l air Animal: rat, Guideline: other., Remarks on results: other:

Skin corrosion/irritation	: Not classified pH: 11
Serious eye damage/irritation	: Not classified pH: 11
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

DIISONONYL PHTHALATE (28553-12-0)	
NOAEL (chronic, oral, animal/male, 2 years)	88.3 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EPA OTS 798.3300 (Carcinogenicity), Remarks on results: other:
NOAEL (chronic, oral, animal/female, 2 years)	108.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OTS 798.3300 (Carcinogenicity), Remarks on results: other:

Reproductive toxicity	: Not classified
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DIISONONYL PHTHALATE (28553-12-0)	
NOAEL (animal/female, F1)	200 – 260 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other., Guideline: EPA OTS 798.4700 (Reproduction and Fertility Effects)

STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

DIOCTYL TINBIS(ACETYLACETONATE) (54068-28-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

DIISONONYL PHTHALATE (28553-12-0)	
NOAEL (dermal, rat/rabbit, 90 days)	≈ 500 mg/kg bodyweight Animal: rabbit

Aspiration hazard	: Not classified
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SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified
Not rapidly degradable	

DIISONONYL PHTHALATE (28553-12-0)	
LC50 - Fish [1]	> 102 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 74 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 88 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN -	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: No	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

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

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category : B(4) - low hazard for aquatic organisms

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Switzerland

Storage class (LK) : NG - Non-hazardous

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
EUH208	Contains N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE(1760-24-3), DIOCTYL TIN BIS(ACETYLACETONATE)(54068-28-9), N-[3-(DIMETHOXYMETHYLSILYL)PROPYL]ETHYLENEDIAMINE(3069-29-2). May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.

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Full text of H- and EUH-statements:	
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.