

# **BRIGHT ORANGE. VIKING BY DYNAMIC**

## **Safety Data Sheets**

In accordance with Regulation (EC) N° 1907/2006 (REACH), as amended by Regulation (EU)

Issue Date: 16/01/2022 Revision Date: 29/01/2022

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### **SECTION 1: Identification of the substance or mixture and of the company or undertaking.**

#### **1.1. Product ID**

Product shape: Mixture

Product name: Bright Orange

Trademark: VIKING BY DYNAMIC

#### **1.2. Identified relevant uses of the substance or mixture and discouraged uses**

##### **1.2.1. Relevant uses identified**

Main use category: Professional use for tattoo or micropigmentation.

##### **1.2.2. Discouraged uses**

No further information available.

#### **1.3. Details of the supplier of the safety data sheet**

Maimi Paint, S.L.

Ciudad de Sevilla St., number 5,

46988, Paterna, Valencia. Spain. +34648618188

#### **1.4. Emergency Telephone**

##### **SPAIN**

Organization/Company: Information Service- Toxicological Institute of Toxicology and Forensic Sciences, Department of Madrid.

Address: José Echegaray St., nº4 28232 Las Rozas de Madrid.

Emergency number: +34 91 562 04 20

Comment: Only toxicological), Information in Spanish (24h/365 days).

BPR helpdesk:

Ministry of Health, Social Services and Equality Paseo del Prado 18-20, 28071 Madrid

Email: biocidas-helpdesk (at) mscbs.es

CLP and REACH helpdesk:

Portal de Información REACH y CLP

C/ Julián Camarillo 6B, 4ª Planta, 28037 Madrid Email: info (at) reach-pir.es

##### **AUSTRIA**

BPR, REACH and CLP helpdesk

Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Div. VI/7 Stubenbastei 5, A, 1010 Vienna

Telephone: +43 1 31 00 472

Email BPR: biozide (at) umweltbundesamt.at

Email CLP and REACH: office (at) reachhelpdesk.at

##### **CROATIA**

BPR and REACH helpdesk:

Ministry of Health, Ksaver 200a - 10000 Zagreb Telephone: +385 1 4607 555

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Fax: +385 1 4607 631

Email BPR: biocidi (at) miz.hr

Email REACH: helpdesk-reach (at) miz.hr

### **DENMARK**

REACH, CLP and BPR helpdesks:

Danish Environmental Protection Agency Tolderlundsvej 5, 5000 Odense C Telephone:  
+45 72 54 44 66

Email CLP: clphelpdesk (at) mst.dk Email REACH: reachspm (at) mst.dk

Email BPR: biocideshelpdesk (at) mst.dk FRANCE:

BPR helpdesk:

ANSES – Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et  
du travail 253 avenue du général Leclerc, 94701 Maisons-Alfort Cedex

Email: helpdesk-biocides (at) anses.fr CLP and

REACH helpdesk:

INERIS DRC/VIVA/EVEC

Parc Technologique Alata BP2 - F-60550 Verneuil en Halatte Telephone: +33 8 20 20 18  
16

Fax: +33 3 44 55 67 67

### **HUNGARY**

BPR, CLP and REACH helpdesk:

National Public Health Center H-1097 Budapest, Albert Flórián út 2-6 Telephone:

BPR: +36 1 476 1100/2960

CLP: +36 1 476 1135

REACH: +36 1 476 1134

Email: BPR: biocide.helpdesk (at) nnk.gov.hu CLP: clp.helpdesk (at) nnk.gov.hu

REACH: reach.helpdesk (at) nnk.gov.hu

### **ITALY**

BPR helpdesk:

Ministry of Health: Direzione generale dei dispositivi medici, del servizio farmaceutico e  
della sicurezza delle cure - ufficio VII Viale Giorgio Ribotta, 5 00144 Roma

Telephone (for technical and scientific issues):

dott.ssa Emanuela Fabbri +39 06 59 94 37 33

dott.ssa Daniela Gigante +39 06 59 94 38 49 Email: Biocidi (at) sanita.it

CLP helpdesk:

Istituto Superiore di Sanità National Centre for Chemicals, cosmetics and consumer  
protection Viale Regina Elena 299, 00161 Roma Email: helpdesk.clp (at) iss.it

REACH helpdesk:

Ministry of Economic Development Via Molise 2, 00187 Roma Email: helpdesk-reach (at)  
mise.gov.it

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#### **LITHUANIA:**

BPR helpdesk:

National Public Health Centre under the Ministry of Health, Vilnius Department Kalvariju st.  
153, LT-08221 Vilnius

Telephone: +370 5 264 9678

Fax: +370 5 264 9664

Email: vilnius (at) nvsc.lt

CLP and REACH helpdesk:

Environmental Protection Agency

A. Juozapaviciaus str. 9, LT-09311 Vilnius Email: reachclp (at) aaa.am.lt

#### **MONTENEGRO**

REACH, CLP, BPR helpdesk:

Ministry of Sustainable Development and Tourism, Nature and Environmental Protection  
Agency

IV Proleterske 19,

81000 Podgorica

Email: helpdesk (at) epa.org.me

#### **POLAND**

BPR helpdesk:

The Office for Registration of Medicinal Products, Medical Devices and Biocidal Products  
al. Jerozolimskie 181c

02-222 Warsaw

Telephone: +48 22 492 11 00,

Fax: +48 22 492 11 09

Email: pb (at) urpl.gov.pl

CLP and REACH helpdesk:

Bureau for Chemical Substances ul. Dowborczykow 30/34 90-019 Lodz

Telephone: +48 42 2538 424; +48 42 2538 427

Fax: +48 42 2538 444

#### **SERBIA**

REACH, CLP, BPR helpdesk:

Ministry of Environmental Protection Address: 1, Omladinskih brigada Str. 11070 Belgrade

Phone: +381 11 7155 225

Fax: + 381 11 3132 574

Email: info.hemikalije (at) ekologija.gov.rs

#### **TURKEY**

REACH and CLP helpdesk:

Ministry of Environment and Urbanisation Directorate General of Environmental

Management Department of Chemicals Management Mustafa Kemal Mahallesi Eskişehir

Devlet Yolu (Dumlupınar Bulvarı) 9. km. No: 278 Çankaya / Ankara

Telephone: +90 (312) 586 -31 87/31 88/ 31 89/ 31 90

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BPR helpdesk:

Ministry of Health

Üniversiteler Mah. Dumlupınar Bulv. 6001. Cad. No:9 06800 Bilkent - Çankaya  
/ Ankara-TURKEY

Telephone: +90 312 565 5212 / 5218 / 5222 E-mail: thsk.cevre (at) saglik.gov.tr

### **BELGIUM:**

BPR and CLP helpdesk:

Federal Public Service (FPS) Health, Food Chain Safety and Environment Place Victor  
Horta 40/10, 1060 Brussels

Email BPR: info.biocides (at) environment.belgium.be

REACH helpdesk:

FPS Economy, Rue du Progrès, 50, B-1210 Brussels Telephone: +32 (0) 800 120 33

Fax: +32 (0) 2 277 53 04

Email: reachinfo (at) economie.fgov.be

### **CYPRUS:**

BPR competent authority:

Department of Agriculture Louki Akrita 1412, Lefkosia Telephone: +357 22 408 636; +357  
22 408 669

Email: ahadjigeorgiou (at) da.moa.gov.cy; alegavriel (at) da.moa.gov.cy

CLP and REACH helpdesk:

Department of Labour Inspection CY-1493, Nicosia

Telephone CLP: +357 22405611; +357 22 40 56 08

Fax: +357 22663788

Telephone REACH: +357 22 40 56 09; +357 22 40 56 08

Email CLP: CLP@dli.mlsi.gov.cy Email REACH: REACH@dli.mlsi.gov.cy

### **ESTONIA:**

BPR, CLP and REACH helpdesk:

Terviseamet/Health Board; Department of Chemicals Safety Paldiski mnt 81, 10617

Tallinn Email BPR: bpr (at) terviseamet.ee Email CLP: clp (at) terviseamet.ee

Email REACH: reach (at) terviseamet.ee

### **GERMANY:**

BPR, CLP and REACH helpdesk:

BAuA – Bundesanstalt für Arbeitsschutz und Arbeitsmedizin Federal Institute

for Occupational Safety and Health Friedrich-Henkel-Weg 1 – 25 D-44149 Dortmund

Telephone: + 49 (0) 231 9071 2971

Fax: +49 (0) 231 9071 2679

Email: reach-clp-biozid (at) baua.bund.de

### **ICELAND:**

BPR, CLP and REACH helpdesk:

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Umhverfisstofnun (Environment Agency of Iceland) Suðurlandsbraut 24 108 Reykjavík

Telephone: +354 591 2000

Fax: +354 591 2010

Email: ust (at) ust.is

### **LATVIA:**

BPR, CLP and REACH helpdesk:

Latvian Environment, Geology and Meteorology Centre (LEGMC) Chemicals and Hazardous Waste Department

Maskavas iela 165, Rīga, LV-1019

Telephone: +371 6703 2027

Fax: +371 6714 5154

Email BPR: biocides (at) lvgmc.lv

Email CLP and REACH: reach (at) lvgmc.lv

### **LUXEMBOURG:**

BPR competent authority:

Administration de l'Environnement

Service produits chimiques et substances dangereuses

1, avenue du Rock'n'Roll L-4361 Esch-sur-Alzette Luxembourg Email: biocides (at)

aev.etat.lu

### **NETHERLANDS:**

BPR helpdesk:

CtGB - College voor de toelating van gewasbeschermingsmiddelen en biociden

Bennekomseweg 41, 6717 LL Ede

Telephone: +31 0 317 47 18 10 Email: servicedesk (at) ctgb.nl

CLP and REACH helpdesk:

National Institute for Public Health and the Environment (RIVM) Antonie van Leeuwenhoeklaan 9

P.O. Box 1 - 3720 BA Bilthoven

### **PORTUGAL:**

BPR competent authority:

Direção-Geral da Saúde (DGS) Alameda D. Afonso Henriques, 45 – 1049 005 Lisboa

Telephone: +351 218 430 500

Fax: +351 218 430 742

Email: geral (at) dgs.pt

CLP and REACH helpdesk:

Agência para a Competitividade e Inovação, I.P. Portuguese Agency for Competitiveness and Innovation

Estrada do Paço do Lumiar, Campus do Lumiar, Edif. A 1649 - 038 Lisboa

### **SLOVAKIA:**

BPR, CLP and REACH helpdesk:

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Ministry of Economy of the Slovak Republic Centre for Chemical Substances and Preparations Mlynske nivy 44/a, 827 15 Bratislava  
Phone: +421 2 4854 4511

### **SWEDEN:**

BPR, CLP and REACH helpdesk:

Swedish Chemicals Agency P.O Box 2, SE 172 13 Sundbyberg Telephone: +46 8 5194 1100; +46 8 519 41 111

### **BULGARIA:**

BPR competent authority:

The Ministry of Health, 5,"Sveta Nedelya" sq, Sofia-1000 Telephone: +359 2 9301 214

Fax: +359 2 9883413

Email: amaslarska (at) mh.government.bg; vhristova (at) mh.government.bg

CLP and REACH helpdesk:

Ministry of Environment and Water

67, W. Gladstone Str. / 22, Maria Louisa Blvd. Sofia 1000 Fax: + 359 2 980 33 17

### **CZECH REPUBLIC:**

BPR competent authority:

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Telephone: +420 267 082 305

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Email: biocidy (at) mzcrcz

CLP and REACH helpdesk:

CENIA Vrsovicke 1442/65, 100 10 Prague 10

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cenia.cz

### **FINLAND:**

REACH, CLP and BPR helpdesk:

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+358 400 393 033 (REACH/CLP); +358 50 597 6338 (BPR)

### **GREECE:**

CLP and REACH helpdesk:

Directorate of Energy, Industrial and Chemical Products - DG of General Chemical State Laboratory under the Independent Authority for Public Revenue (IAPR)

16, An. Tsocha str. GR-11521 Athens

Telephone: +30 210 64 79 286; +30 210 64 79 287

Fax: +30 210 64 66 917

Email: elhelpdesk (at) gcsf.gr

BPR helpdesk:

Directorate of Energy, Industrial and Chemical Products - DG of General Chemical State

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### **IRELAND:**

BPR competent authority:

Pesticide Registration and Control Division

Dept of Agriculture, Food and the Marine, Back Weston Laboratory Complex, Backweston, Celbridge, Co Kildare

Telephone: +353 1 615 7552

Email: biocides (at) agriculture.gov.ie

CLP and REACH helpdesk:

Health and Safety Authority Metropolitan Building James Joyce Street Dublin 1 Telephone: +353 1 614 7000

Fax: +353 1 614 7120

Email: chemicals (at) hsa.ie CLP website

### **LIECHTENSTEIN:**

CLP and REACH helpdesk:

Office of Environment

Dr. Grass-Str. 12 / Postfach 684 Vaduz FL-9490 Phone: +423 236 64 00

Fax: +423 236 64 11

E-mail BPR: biocide (at) llv.li; E-mail CLP: clp (at) llv.li; E-mail REACH: reach (at) llv.li

### **MALTA:**

BPR, CLP and REACH helpdesk:

Malta Competition & Consumer Affairs Authority (MCCAA) Regulatory Affairs Directorate

Technical Regulations Division Mizzi House, National Road, Blata I-Bajda, HMR9010

Telephone: +356 2395 2000

Fax: +356 2124 2406

E-mail BPR: biocides (at) mcca.org.mt

E-mail REACH and CLP: helpdesk.mcca (at) mcca.org.mt

### **NORWAY:**

BPR, CLP and REACH helpdesk:

Norwegian Environment Agency

P.O. Box 5672 Torgarden 7485 Trondheim Telephone: +47 73 58 05 00

Email BPR: biocides (at) miljodir.no

Email CLP and REACH: kjemikalier (at) miljodir.no

### **ROMANIA:**

BPR competent authority:

Ministry of Health, National Committee for Biocidal Products Str. Dr. A. leonte, Nr 1-3  
050463 Bucuresti

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CLP and REACH helpdesk:

National Environmental Protection Agency (NEPA) 294 Splaiul Independentei Street Floor:

1, District: 6

060031 Bucharest

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Fax: +40 21 207 11 16

### **SLOVENIA:**

BPR, CLP and REACH helpdesk:

Chemicals Office of the Republic of Slovenia Ajdovščina 4, SI-1000 Ljubljana Telephone:

+ 386 14 00 60 51

Email BPR: biocidi.uzk (at) gov.si

Email CLP and REACH: reach.mz (at) gov.si

### **SWITZERLAND:**

REACH helpdesk:

Common notification authority for chemicals of FOEN - FOPH – SECO 3003 Berne

Phone: +41 (0)58 465 12 53

Email: reachhelpdesk (at) bag.admin.ch

BPR helpdesk:

Common notification authority for chemicals of FOEN - FOPH - SECO 3003 Berne Phone:

+41 (0)58 462 73 05

E-mail: cheminfo (at) bag.admin.ch

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## SECTION 2: Hazard identification

### **2.1. Classification of the substance or mixture**

**Classification according to Regulation (EU) N° 1272/2008 [CLP]** Unclassified

#### ***Physicochemical adverse effects on human health and the environment***

As far as is known, the product does not present any special risk if the general rules of industrial hygiene are respected.

### **2.2. Label elements**

#### **Labelling in accordance with Regulation (EC) No 1272/2008 [CLP]**

It may contain traces of nickel and/or chromium. It can cause allergic reactions; it is recommended to perform allergy tests. Product irradiated by gamma rays for sterilization.



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Please read the instructions for use before using the product.

### 2.3. Other hazards

Contains no substances PBT/mPmB  $\geq 0,1\%$  assessed in accordance with the Annex XIII of REACH.

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## SECTION 3: Composition/component information

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name              | Product identifier      | ] |
|-------------------|-------------------------|---|
| Orange Pigment    |                         |   |
| CI: (77891)       | N° CAS : 13463-67-7     |   |
| CI: (19140)       | N° CAS : 217-699-5      |   |
| CI : (16255)      | N° CAS : 220-036-2      |   |
|                   | N° CE: 215-609-9        |   |
|                   | N° Índice: 022-006-00-2 |   |
| Glycerine         | N° CAS: 56-81-5         |   |
|                   | N° CE: 200-289-5        |   |
| Butylene Glycol / | N° CAS: 107-88-0        |   |
| Buta- nediol      | N° CE: 203-529-7        |   |

*Full text of H and EUH phrases: see section 16.*

## SECTION 4: First Aid

### 4.1. Description of first aid

First aid measures in case of inhalation:

Transport the person outdoors and keep it in a position that makes it easier for you to breathe. Consult a doctor in case of discomfort.

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First aid measures in case of skin contact:

Wash the skin with plenty of water.  
Consult a doctor in case of discomfort.

First aid measures in case of contact with the eyes:

Rinse the eyes with water as a precaution. Consult a doctor in case of discomfort.

First aid measures in case of ingestion:

Call an information center toxicological or to a doctor in case of discomfort.

#### **4.2. Main symptoms and effects, acute and delayed**

No further information available.

#### **4.3. Indication of any medical care and special treatment to be dispensed immediately**

Symptomatic treatment

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### **SECTION 5: Fire-fighting measures**

#### **5.1. Means of extinction**

Appropriate extinguishing means:

Sprayed water. Dry powder. Foam.  
Carbon dioxide.

#### **5.2. Specific hazards arising from the substance or mixture**

Dangerous decomposition products in case of fire:

Possible emission of toxic fumes.

#### **5.3. Recommendations for firefighting personnel**

Protection during firefighting:

Do not intervene without protective equipment adequate. Autonomous and isolated respiratory protection device. Complete protection of the body.

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#### **SECTION 6: Measures in case of accidental spillage**

##### **6.1. Personal precautions, protective equipment, and emergency procedures.**

###### **6.1.1. For personnel who are not part of the emergency services.**

Emergency procedures: Ventilate the spill area.

###### **6.1.2. For emergency personnel**

Protective equipment: Do not intervene without adequate protective equipment. For more information, see section 8: "Exposure control-personal protection".

##### **6.2. Environmental precautions**

Prevent their release into the environment.

##### **6.3. Containment and containment methods and material**

Cleaning procedures: Absorb the spilled liquid using an absorbent product.  
Other information: Dispose of materials or waste solids in an authorized center.

##### **6.4. Reference to other sections**

For more information, see section 13.

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#### **SECTION 7: Handling and storage**

##### **7.1. Precautions for safe handling**

Precautions for safe handling: The workstation must be well ventilated. Wearing personal protective equipment.

Hygiene measures: Do not eat, drink, or smoke during use. Wash your hands after any manipulation.

##### **7.2. Safe storage conditions, including possible non-compatibility**

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Storage conditions:

Keep under lock and key. Store in a well-ventilated place. Recommended storage temperature: maximum 32C.

### **7.3. Specific end uses**

No further information available.

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## **SECTION 8: Exposure/personal protection controls**

### **8.1. Control parameters**

#### **8.1.1. National occupational and biological exposure limit values:**

This mixture as supplied does not contain any hazardous material with established occupational exposure limits or biological limits by specific regulatory bodies.

#### **8.1.2. Recommended follow-up methods**

No further information available.

#### **8.1.3. Air pollutants formed**

No further information available

#### **8.1.4. DNEL y PNEC**

No further information available.

#### **8.1.5. Control bands**

No further information available.

### **8.2. Exposure controls**

#### **8.2.1. Appropriate technical controls**

Appropriate technical controls:

The workstation must be well ventilated.

#### **8.2.2. Personal protective equipment**

Personal protective equipment symbols:



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#### **8.2.2.1. Eye and face protection**

Eye protection: Safety glasses.

#### **8.2.2.2. Skin protection**

Protection of the skin and body: Wear appropriate protective clothing

Hand protection: Protective gloves.

#### **8.2.2.3. Airway protection**

Airway protection: In case of insufficient ventilation, use an adequate respiratory system.

#### **8.2.2.4. Thermal hazards**

No further information available

#### **8.2.3. Control of environmental exposure**

Control of environmental exposure: Prevent their release into the environment.

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

|  |                      |
|--|----------------------|
| Shape/State:                                     | Liquid               |
| Appearance:                                      | Liquid               |
| Color:   | Orange               |
| Smell:   | Characteristic odour |
| Olfactory threshold:                             | No data available    |
| PH:  | Liquid               |
| Relative evaporation rate (butylacetate=1):      | No data available    |
| Melting point:                                   | No aplicable         |
| Solidification point:                            | No data available    |
| Boiling point:                                   | > 100 °C             |
| Flash point:                                     |                      |
| Auto-ignition temperature:                       | No data available    |
| Decomposition temperature:                       | No data available    |
| Flammability (solid, gas):                       | No aplicable         |
| Vapour pressure:                                 | No data available    |
| Relative vapour density at 20 °C:                | No data available    |
| Relative density:                                | No data available    |
| Solubility:                                      | No data available    |
| N-octanol/water partition coefficient (Log Pow): | No data available    |
| Viscosity, kinematics:                           | No data available    |
| Viscosity, dynamic:                              | No data available    |
| Explosive properties:                            | No data available    |
| Oxidizing properties:                            | No data available    |

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|                   |                   |
|-------------------|-------------------|
| Explosion limits: | No data available |
| Particle size:    | < 15 µm           |

### **9.2. Other information**

No information available.

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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

The product is not reactive under normal conditions of use, storage and transport.

### **10.2. Chemical stability**

Stable under normal conditions.

### **10.3. Possibility of dangerous reactions**

No known hazardous reactions occur under normal conditions of use.

### **10.4. Conditions to be avoided**

None under the recommended storage and handling conditions (see section 7).

### **10.5. Incompatible materials**

No further information available

### **10.6. Hazardous decomposition products**

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## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

|  |              |
|--|--------------|
| Acute toxicity (oral):                 | Unclassified |
| Acute (cutaneous) toxicity:            | Unclassified |
| Acute toxicity (inhalation):           | Unclassified |
| Skin corrosion or irritation:          | Unclassified |
| Severe eye injuries or eye irritation: | Unclassified |
| Respiratory or skin sensitization:     | Unclassified |
| Mutagenicity in germ cells:            | Unclassified |
| Carcinogenicity:                       | Unclassified |

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### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

Ecology - general:

This product is not considered harmful to aquatic organisms or does not cause long-term adverse effects on the environment.

Short-term (acute) danger to the aquatic environment:

Unclassified.

Long-term (acute) danger to the aquatic environment:

Unclassified.

#### **12.2. Persistence and degradability**

Easily Biodegradable.

#### **12.3. Bioaccumulation potential**

Bioaccumulation is unlikely.

#### **12.4. Mobility on the ground**

The product is soluble in water. Absorbed into the soil.

#### **12.5. Valuation results PBT y mPmB**

This mixture does not meet the PBT criteria in Annex XIII to the REACH Regulation.

This mixture does not meet the vPvB criteria of Annex XIII to the REACH Regulation.

#### **12.6. Other side effects**

No further information available.

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### **SECTION 13: Disposal considerations**

#### **13.1. Methods for waste treatment**

Approved waste treatment methods:

Remove the contents/container according to the collector's recycling instructions.

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### **SECTION 14: Transport information**

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

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| <b>ADR</b>   | <b>IMDG</b> | <b>IATA</b> | <b>AND</b>  | <b>RID</b>  |
|--|-------------|-------------|-------------|-------------|
| <b>14.1. ONU Number</b>                                    |             |             |             |             |
| Unregulated  | Unregulated | Unregulated | Unregulated | Unregulated |
| <b>14.2. Official United Nations transport designation</b> |             |             |             |             |
| Unregulated  | Unregulated | Unregulated | Unregulated | Unregulated |
| <b>14.3. Transport hazard classes</b>                      |             |             |             |             |
| Unregulated  | Unregulated | Unregulated | Unregulated | Unregulated |
| <b>14.4. Packaging group</b>                               |             |             |             |             |
| Unregulated  | Unregulated | Unregulated | Unregulated | Unregulated |
| <b>14.5. Dangers to the environment</b>                    |             |             |             |             |
| Unregulated  | Unregulated | Unregulated | Unregulated | Unregulated |

No additional information available.

### **14.6. Particular precautions for users**

#### **Transportation by land**

Unregulated

#### **Maritime transport**

Unregulated

#### **Air transport**

Unregulated

#### **River transport**

Unregulated

#### **Rail transport**

Unregulated

### **14.7. Carriage in bulk in accordance with MARPOL Annex II and the IBC Code**

Not applicable

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### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations and legislation specific to the substance or mixture**

##### **15.1.1. EU regulations**

Does not contain substances subject to restrictions under Annex XVII to REACH.

Does not contain any substances included in the REACH candidate list.

Does not contain any substances listed in Annex XIV to REACH.

It does not contain any substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 on the export and import of dangerous chemicals.

Does not contain any substances subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

It does not contain any substance subject to REGULATION (EC) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Does not contain any substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the placing on the market and use of explosives precursors.

Respect current regulations:

Regulation (CE) No. 1907/2006 of the European Parliament and of the Council, of December 18, 2006, regarding the registration, evaluation, authorization and restriction of chemical substances and preparations (REACH), which creates the European Agency for Chemical Substances and Preparations, modifies Directive 1999/45/EC and repeals Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94, as well as the Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. COMMISSION REGULATION (EU) 2020/2081 of 14 December 2020 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make up, Official Journal of the European Union as of 15th December 2020, L 423/6. Commission Regulation (EU) 2015/830, of May 28, 2015, amending Regulation (EC) No. 1907/2006. Not classified as dangerous according to directives 67/548/CEE and/or 1999/45/CE. Regulation (EC) No. 1272/2008 on classification, labeling and packaging. Official Journal of the European Union 27.7.2012, No L 201/60. Classification EC 67/548 or EC 1999/45.

It does not contain substances subject to Regulation (CE) 273/2004 of the European Parliament and of the Council, of February 11, 2004, on the manufacture and sale of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

##### **15.1.2. National regulations**

No further information available

#### **15.2. Chemical safety assessment**

Chemical Safety Assessment has not been carried out.

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### SECTION 16: Other information

#### Abbreviations and acronyms:

|                               |   |
|-------------------------------|---|
| ADN:                          | European Agreement on the International Carriage of Dangerous Goods by Inland Waterways |
| ADR:                          | European Agreement concerning the International Carriage of Dangerous Goods by Road     |
| ATE:                          | Estimation of acute toxicity  |
| FBC:                          | Bioconcentration factor   |
| VLB (Biological Limit Value): | Biological limit value  |
| DBO:                          | Biochemical oxygen demand (DBO)   |
| DQO:                          | Chemical oxygen demand (DQO)  |
| DMEL:                         | Derived level with minimal effect   |
| DNEL:                         | Level without derivative effect   |
| N° CE:                        | EC Number   |
| CE50:                         | Average effective concentration   |
| EN:                           | European standard   |
| CIIC:                         | International Agency for Research on Cancer   |
| IATA:                         | International Air Transport Association   |
| IMDG:                         | International Maritime Dangerous Goods Code   |
| CL50:                         | Lethal concentration for 50% of a population of Tests                                   |
| LD50:                         | Lethal dose for 50% of a test population (Mean lethal dose)                             |
| LOAEL:                        | Lower level with observed adverse effect  |
| NOAEC:                        | Concentration with no observed adverse effect   |
| NOAEL:                        | Level with no observed adverse effect   |

#### Abbreviations and acronyms:

|         |   |
|---------|---|
| NOEC:   | Concentration with no observed effect                               |
| OCDE:   | Organization for Economic Cooperation and Development               |
| VLA:    | Occupational exposure limit   |
| PBT:    | Persistent, bioaccumulative and toxic substance                     |
| PNEC:   | Expected concentration without effect                               |
| RID:    | Regulation on the international carriage of dangerous goods by rail |
| FDS:    | Safety Data Sheets  |
| STP:    | Treatment plant   |
| DTO:    | Theoretical oxygen need (BThO)                                      |
| TLM:    | Average tolerance limit   |
| COV:    | Volatile organic compounds  |
| N° CAS: | CAS number  |

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|        |  |
|--------|--|
| N.E.P: | Not specified elsewhere                  |
| mPmB:  | Very persistent and very bioaccumulative |
| ED:    | Endocrine disrupting properties          |

### **SECTION 16: Other information**

#### **Full text of H and EUH phrases:**

|                                      |   |
|--------------------------------------|---|
| Acute Tox. 4 (Cutaneous)             | Acute (cutaneous) toxicity, category 4.                             |
| Acute Tox. 4 (Inhalation: dust, fog) | Acute toxicity (inhalation: dust, fog) Category 4.                  |
| Aquatic Chronic 3                    | Hazardous to the aquatic environment<br>Chronic hazard, category 3. |
| H312                                 | Harmful in contact with the skin.                                   |
| H332                                 | Harmful in case of inhalation.                                      |
| H412                                 | Harmful to aquatic organisms, with long-lasting harmful effects.    |

The classification complies: ATP 12

*Safety data sheet (FDS), EU*

*This information is based on our current knowledge and is intended to describe the product for the protection of health, safety and the environment. Therefore, it should not be construed as a guarantee of any specific feature of the product.*