



Sede legale:
via Vincenzo Monti 8 - 20123 - Milano - Italia
Sede Amministrativa ed Operativa:
via Nuova 1085/B - 35040 - Casale Di Scodosia (PD)
Tel: 0429/870076
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www.abcink.it
P.I. 10131850967 - C.F. 10131850967

PRODUCT SAFETY INFORMATION SHEET

Created on 28 January 2019

Last revision on 10 February 2022

Version: 03.2022

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

1.1 Product identifier

| | |
|----------------------------|---|
| Product name: | KILLERBLACK – LIGHT SHADING |
| Product type: | Mixture for use in tattoos or permanent make-up |
| REACH registration number: | Unnecessary |

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

1.2.1 Uses identified as pertinent:

Mixture for use in tattoos or permanent make-up.

Ink to be used for the execution of tattoos.

Professional use by qualified personnel, in possession of the requisites required by the laws in force, in suitable environments and in compliance with the most stringent hygiene and health regulations.

1.2.2 Uses advised against:

The product should NOT be used in the eye area.

Uses other than those identified as relevant.

Other information on how to use the product is available in section 16 of this document.

1.3 Details of the supplier of the safety data sheet

ABC INK S.R.L.
Via Vincenzo Monti, 8
20123 – Milano (ITALIA)
+39 0429 870076
info@abcink.it

1.4 Emergency telephone number

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](mailto:biozide(at)umweltbundesamt.at)

Email CLP and REACH: [office\(at\)reachhelpdesk.at](mailto:office(at)reachhelpdesk.at)

CROATIA:

BPR and REACH helpdesk:

Ministry of Health, Ksaver 200a - 10000 Zagreb

Telephone: +385 1 4607 555

Fax: +385 1 4607 631

Email BPR: [biocidi\(at\)miz.hr](mailto:biocidi(at)miz.hr)

Email REACH: [helpdesk-reach\(at\)miz.hr](mailto:helpdesk-reach(at)miz.hr)

CLP helpdesk:

Croatian Institute of Public Health, Department for Toxicology,
Borongajska 83g, Zagreb
Telephone: +385 1 46 86 910
Fax: +385 1 46 41 368
Email: toksikologija (at) hzjz.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
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
Viale Regina Elena 299, 00161 Roma
Email: helpdesk.clp (at) iss.it



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REACH helpdesk:

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

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

SPAIN:

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

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

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:

Umhverfisstofnun (Environment Agency of Iceland)
Suðurlandsbraut 24 108 Reykjavik
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

CLP and REACH helpdesk:

Luxembourg Institute of Science and Technology (LIST) 41 r. du Brill, L-4422 Belvaux - Luxembourg
Phone : +352 275 888 1
Email: reach (at) list.lu or clp(at) list .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
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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:

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
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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:

Ministry of Health of the Czech Republic
Palackeho namesti 4 CZ - 128 01 Prague 2
Telephone: +420 267 082 305
Fax: +420 267 082 228
Email: biocidy (at) mzcr.cz

CLP and REACH helpdesk:

CENIA Vrsoviccka 1442/65, 100 10 Prague 10
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Email REACH: reach (at) cenia.cz

FINLAND:

REACH, CLP and BPR helpdesk:

Finnish Safety and Chemicals Agency (Tukes)
P.O.Box 66, 00521 Helsinki
Telephone: +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) gcsl.gr

BPR helpdesk:

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Fax: +30 210 64 66 917
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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. Ieone, Nr 1-3
050463 Bucuresti
Telephone: +40 21 311 86 20
Fax +40 21 311 86 20
Email: helpdesk.biocide (at) insp.gov.ro



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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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SLOVENIA:

BPR, CLP and REACH helpdesk:

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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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This product does not meet the classification criteria in any hazard class in accordance with Regulation (EC) No. 1272/2008 relating to the classification, labeling and packaging of substances and mixtures. However, this product safety information sheet was created on a voluntary basis.

2.2 Label elements

| | |
|------------------------------|--|
| Hazard pictograms: | -- |
| Warnings: | Contains nickel. Can cause allergic reactions. |
| Hazard statements: | -- |
| Precautionary advice: | If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Obtain the instructions before use. Do not handle before reading and understanding all warnings. Keep away from heat. Keep container tightly closed. Keep only in original container. Keep cool. Protect from sunlight. Store in a dry place. |



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Do not eat, drink or smoke when using this product.

Avoid release to the environment.

Get medical advice/attention if you feel unwell.

More information can be found in section 7.

2.3 Other hazards

Based on the available data, the product does not contain PBT (Persistent, Bioaccumulative and Toxic) or vPvB (very Persistent and very Bioaccumulative) substances in a percentage greater than 0.1%.

SECTION 3: Composition/information on ingredients

3.2 Substances

Not applicable.

3.2 Mixtures

The product does not contain substances classified as dangerous for health or for the environment pursuant to the provisions of Regulation (EU) 1272/2008 (CLP) (and subsequent amendments and adjustments) in quantities that require a declaration.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

It is highly unlikely that there will be a reaction requiring help. If so, contact a physician or poison control center and show this safety information sheet.

If inhaled:

Unlikely event as the product has a high concentration of non-volatiles. If irritation or other symptoms occur, go to the fresh air. Consult a doctor if irritation persists.

In contact with the skin:

Contact is necessary for the function of the product.

In case of accidental contact, wash thoroughly with soap and water. Take off contaminated clothes and wash them before wearing them again. In case of skin irritation contact a doctor.

In contact with the eyes:

Rinse thoroughly for 15 minutes under running water with the eyelids open. Remove any contact lenses. If in doubt, consult a physician or poison control center and show this safety information sheet.

If ingested:

If the person is conscious, rinse the mouth and drink plenty of water. Do not administer anything by mouth if the subject is unconscious and if not authorized by a doctor. If in doubt, consult a physician or poison control center and show this safety information sheet. Induce vomiting only on medical advice. In case of vomiting, keep your head down to avoid suffocation.

Self-protection of the first responder:

The use of personal protective equipment is recommended to safeguard hygiene and safety.



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4.2 Most important symptoms and effects, both acute and delayed

No symptoms and dangerous effects known.

4.3 Indication of any immediate medical attention and special treatment needed

No special recommendations. It is advisable, if necessary, to show this safety information sheet to the Doctor.

SECTION 5: Firefighting measures

The product is not combustible except in extreme conditions and after complete evaporation of the water contained.

5.1 Extinguishing media

Suitable extinguishing media: Water spray, dry powder, foam, carbon dioxide (CO₂).
Unsuitable extinguishing media: Direct water jets.

5.2 Special hazards arising from the substance or mixture

Possible development of toxic fumes. Avoid breathing combustion products.

5.3 Advice for firefighters

Do not enter the fire area without adequate protection, use self-breathing and personal protective equipment. It is advisable to have this safety information sheet be viewed by the operators. There are no further recommendations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For those who do not intervene directly:

Use personal protective equipment to prevent contamination of skin, eyes and personal clothing, more information in section 8.
Remove sources of ignition and heat, provide adequate ventilation.

For those who intervene directly:

Use personal protective equipment to prevent contamination of skin, eyes and personal clothing, more information in section 8.
Remove sources of ignition and heat, provide adequate ventilation.

6.2 Environmental precautions

Do not disperse in the environment. Keep the pure product away from drains, surface water and groundwater. Prevent the product from entering the water and sewer systems. Should significant quantities of product be dispersed, notify the competent local authorities immediately.

6.3 Methods and material for containment and cleaning up

Dry with absorbent material (eg cloth), wash thoroughly with water and detergent, rinse. Avoid spilling into the sewer. Dispose of the material used for containment and any residues in an authorized center.

6.4 Reference to other sections

Sections 8 and 13 of this safety information sheet.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from sources of light and heat. Shake the bottle before each use. Close immediately after use, keep the product uncontaminated. Indicate, on the bottle or in a special register, the date of first opening of the product. Check that the product has not expired (based on the expiration date shown on the product label) and that it has not been opened for more than 6 (six) months. Do not mix the product with inks of other brands or with incompatible substances and mixtures. Do not eat, drink or smoke during use. For reasons of hygiene and respect for the end customer, use disposable and sterile materials, in compliance with the most stringent hygiene and health standards.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in the original bottle. Keep uncontaminated, close immediately after use. Keep well capped in a cool and dry place away from strong sources of light and heat, especially direct ones. Optimal temperatures for stability from + 5 ° C to + 30 ° C, avoid freezing. Periodically check the expiry date indicated on the label, do not use after this date. Do not mix or contaminate with incompatible chemicals. Keep only in the original container.

7.3 Specific end use(s)

Mixture for tattoos for professional use only by qualified personnel, in possession of the requisites required by the laws in force, in suitable environments and in compliance with the most stringent hygiene and health regulations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No further information available.

8.2 Exposure controls

Direct contact with the product is necessary for its function (see section 1.2 on uses identified as relevant). The following protective measures are designed to minimize any risks.

8.2.1 Appropriate technical checks

Ensure adequate and sufficient ventilation. Follow the handling and storage instructions in section 7 of this document.

8.2.2 Individual protection measures, such as personal protective equipment

Personal Protective Equipment Symbols:



a) **Eye / face protection:**

Use suitable protective goggles to prevent splashes of product from coming into contact with the eyes.

b) **Skin / body protection (hand protection):**

Not required, contact is necessary for the function of the product.

The operator, for hygienic and health reasons, must use suitable disposable gloves, disposable gowns (suitable protective clothing) and any other personal protective equipment and precautions necessary to ensure the hygiene and safety of the subject undergoing treatment.

c) Respiratory protection:

Ensure sufficient aeration and ventilation. The operator, for hygienic and health reasons, must use a special disposable mask.

d) Thermal hazards:

No further information available.

8.2.3 Environmental exposure controls

Do not disperse in the environment. You can refer to what is reported in section 6 of this document.

SECTION 9: Physical and chemical properties

Mixture of pigments in water, stabilizing and wetting additives. The product kept in the original sealed container is chemically and microbiologically stable.

9.1 Information on basic physical and chemical properties

| | |
|---|--|
| Physical state: | Liquid |
| Colour: | Black |
| Odor: | Characteristic |
| Melting point / freezing point: | -- |
| Initial boiling point: | -- |
| Flammability: | -- |
| Upper / lower explosion limits: | -- |
| Upper / lower flammability limits: | -- |
| Flash point: | > 80 ° C |
| Auto-ignition temperature: | -- |
| Decomposition temperature: | -- |
| pH: | 7.5 - 8.5 |
| Kinematic viscosity: | -- |
| Solubility: | Liquid soluble in water. Insoluble pigments. |
| Partition coefficient: n-octanol / water: | -- |
| Vapor pressure: | -- |
| Relative density: | -- |
| Relative vapor density: | -- |
| Boiling range: | -- |
| Evaporation rate: | -- |
| Explosive properties: | Product not explosive |
| Oxidizing properties: | -- |

9.2 Other information

No further information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is not reactive under normal conditions of use, storage and transport. No dangerous reaction is expected if the requirements / indications for storage and handling (section 7 of this safety information sheet) are observed. Do not mix with products of other brands and products with relevant identified uses other than those described in this sheet.

10.2 Chemical stability

No dangerous reactions known if the requirements / indications for storage and handling (section 7 of this safety information sheet) are observed. Do not mix with products of other

brands and products with relevant identified uses other than those described in this sheet.

10.3 Possibility of hazardous reactions

No dangerous reactions known or expected if handled and stored according to requirements.

10.4 Conditions to avoid

See section 7.2 of this safety information sheet.

10.5 Incompatible materials

Strong oxidants such as concentrated nitric acid, potassium dichromate in acid solution, hydrogen peroxide at concentrations greater than 30% and the like.

10.6 Hazardous decomposition products

No dangerous decomposition products expected if the requirements for storage and handling as indicated in this sheet are respected.

SECTION 11: Toxicological information

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

| | |
|--|----|
| Acute toxicity: | -- |
| Skin corrosion / skin irritation: | -- |
| Serious eye damage / eye irritation: | -- |
| Respiratory or skin sensitization: | -- |
| Germ cell mutagenicity: | -- |
| Carcinogenicity: | -- |
| Reproductive toxicity: | -- |
| Specific target organ toxicity (STOT) - single exposure: | -- |
| Specific target organ toxicity (STOT) - repeated exposure: | -- |
| Aspiration hazard: | -- |

The safety margin of the product is very high, so if used correctly, no particular reactions are to be expected beyond the trauma of the tattoo.

11.2 Information on other hazards

No further information available.

SECTION 12: Ecological information

12.1 Toxicity

No environmental hazards are expected from the product.

Glycerin:

CL50 pesci 1: 54000 mg/l (96 h, salmo gairdneri/oncorhynchus mykiss);
CL50 altri organismi acquatici 1: > 1000 mg/l (96 h);
CE50 altri organismi acquatici 1: > 1000 mg/l (bacteria fango attivo);
CL50 pesci 2: > 1000 mg/l (96 h, PISCES);
CE50 Daphnia 2: > 10000 mg/l (24 h, daphnia magna movimento);
TLM pesci 1: > 1000 ppm (96 h, PISCES);
TLM altri organismi acquatici 1: > 1000 ppm (96 h);
Soglia di tossicità di altri organismi acquatici 1: 2900 mg/l (192 h, MICROCYSTIS AERUGINOSA, PROVA DI TOSSICITA')

Soglia di tossicità di altri organismi acquatici 2: > 10000 mg/l (16 h, PSEUDOMONAS PUTIDA, PROVA DI TOSSICITÀ)

Soglia di tossicità alghe 1: > 10000 mg/l (168 h, SCENEDESMUS QUADRICAUDA, PROVA DI TOSSICITÀ).

LC50 - Pesci > 100 mg/l/96h Trout - Oncorhynchus mykiss

EC50 - Alghe / Piante Acquatiche > 3000 mg/l/72h Algae

12.2 Persistence and degradability

No data available on the product.

Glycerin:

Domanda biochimica di ossigeno BOD --> 0,87 g O₂/g materia

Domanda chimica di ossigeno (COD) --> 1,16 g O₂/g materia (ISO 15705)

ThOD: 1,217 g O₂/g materia;

DBO (ThOD): 71% ThOD.

Rapidamente degradabile.

Polietilenglicole:

Solubilità in acqua: >10000 mg/l

12.3 Bioaccumulative potential

Not expected for the product. Significant bioaccumulation is unlikely due to the general insolubility of the solid components. An accumulation of the water-soluble components is unlikely.

Glycerin:

Log Pow: -1.76/2.6

Polietilenglicole:

Coefficiente di ripartizione: n-ottanolo/acqua: -2,2972

BCF: 3,2

12.4 Mobility in soil

The liquid phase of the product is soluble in water, the solid phase is insoluble and settles in static systems.

Glycerin:

Tensione superficiale: 0,063 N/m (20°C)

Ecologia e suolo: dati sulla biodegradabilità non disponibili.

Polietilenglicole:

Coefficiente di ripartizione: suolo/acqua: 1

12.5 Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) N. 1907/2006 concerning the registration, authorization and restriction of chemicals (REACH): the product does not contain substances that meet the PBT criteria (Persistent Bioaccumulative Toxic) or the vPvB criteria (very persistent, very bioaccumulative).

12.6 Endocrine disrupting properties

No further information available.

12.7 Other adverse effects

Not known.



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of the pure product as special waste, according to local and national regulations. Avoid disposal in the sewer system. Follow the directions for recycling in your municipality. Do not reuse empty containers.

Although all the components of the mixture are biodegradable or inert to the environment, care must be taken to dispose of containers and any product residues in accordance with applicable local, national and supranational regulations.

SECTION 14: Transport information

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

14.1 UN number or ID number

Not regulated as a dangerous product.

14.2 UN proper shipping name

Not regulated as a dangerous product.

14.3 Transport hazard class(es)

Not regulated as a dangerous product.

14.4 Packing group

Not regulated as a dangerous product.

14.5 Environmental hazards

Not regulated as a dangerous product.

14.6 Special precautions for user

| | |
|------------------------|----|
| Ground transportation: | -- |
| Sea transport: | -- |
| Airplane transport: | -- |
| River transport: | -- |
| Rail transport: | -- |

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Regulation (EC) 1907/2006 (REACH) of the European Parliament and of the Council of 18 December 2006 and all amendments and modifications.

Commission Regulation (EU) 2020/2081 of 14 December 2020 amending Annex XVII of 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 the



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substances contained in inks for tattoos or permanent make-up.

Regulation (EC) n. 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 and all amendments and modifications.

ResAp(2008)1: the resolution of the Council of Europe on the requirements and criteria for the safety of tattoos and permanent make-up and references contained therein.

15.2 Chemical safety assessment

The safety margin of the product is very high, so if used correctly, no particular reactions are to be expected beyond the trauma of the tattoo. Considering that this product is not dangerous, no chemical safety assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

16.1 Method of use

Professional use.
Shake the bottle well before use.
Compliance with the most stringent hygiene and health regulations is recommended when using the product.
Do not operate on damaged skin.
Thoroughly clean the area to be treated.
For subjects predisposed to reactions of intolerance it is advisable to prevent allergy tests.
Do not use if yes.
Do not apply to irritated or inflamed skin.

16.2 Information on the mixture

Contains Nickel. It can cause allergic reactions.
Carry out a preventive allergy test.
Consult your doctor before proceeding with treatments on subjects positive for allergies.

16.3 Operators

Product intended for use exclusively by personnel with the necessary qualifications required by local and national regulations for the execution of tattoo and semi-permanent make-up treatments.
The treatments must take place at suitable facilities, in compliance with local and national regulations.
Before using, it is necessary to provide the person undergoing the tattoo with the information on the packaging as well as that contained in this product safety information sheet.

16.4 Information on the label

Product name.
Mixture for use in tattoos
Batch of the gamma-ray treatment process for achieving sterility.
Unique reference number for the identification of the lot [LOT].
Optimal temperature for stability.
Expiry date of the product.
List of ingredients in INCI nomenclature.
"Contains Nickel. It can cause allergic reactions".
Instructions for Use.
Validity after opening the product.
Bottle capacity.



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Information for disposal.
Manufacturer's data.
Name of the Marketing Manager.

16.5 Abbreviations and acronyms

| | |
|------|---|
| CAV | Poison Control Center |
| PBT | Persistent, bioaccumulative and toxic substance |
| vPvB | Very persistent and very bioaccumulative |
| CL50 | Lethal Concentration 50% |
| DL50 | Median lethal dose resulting in the death of 50% of individuals tested |
| TLM | Median tolerance limit |
| BOD | Biochemical oxygen demand |
| COD | Chemical oxygen demand |
| ThOD | Theoretical oxygen demand |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG | International Maritime Code of Dangerous Goods |
| IATA | International Air Transport Association |
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| RID | Regulations on the international carriage of dangerous goods by rail |

This factsheet was created on a voluntary basis.
A safety data sheet is not required for this product.

Safety Information Sheet translated into English.

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