

Safety Data Sheet

Memento Marker

according to UK REACH Regulation

Date: 06.09.2017

Revision date: 12. 10.2023

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

1.1. Product identifier

Memento Marker

Further trade names / Item number

100 (Dandelion), 103 (Cantaloupe), 200 (Tangelo), 201 (Morocco), 300 (Lady Bug), 301 (Rhubarb Stalk),
302 (Love Letter), 400 (Rose Bud), 404 (Angel Pink), 500 (Grape Jelly), 501 (Lilac Posies), 504 (Lulu Lavendar),
506 (Sweet Plum), 507 (Elderberry), 600 (Danube Blue), 601 (Bahama Blue), 602 (Teal Zeal), 604 (Summer Sky),
607 (Nautical Blue), 608 (Paris Dusk), 701 (Cottage Ivy), 703 (Pear Tart), 704 (New Sprout), 706 (Pistachio),
707 (Bamboo Leaves), 708 (Olive Grove), 709 (Northern Pine), 800 (Rich Cocoa), 801 (Potter's Clay),
802 (Peanut Brittle), 804 (Desert Sand), 805 (Toffee Crunch), 808 (Espresso Truffle), 900 (Tuxedo Black),
901 (London Fog), 902 (Gray Flannel)

UFI (EU): Q610-E0C2-500E-AA9A

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

Use of the substance/mixture

Ink for marker pens

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

| | |
|-------------------------|--|
| Company name: | TSUKINEKO Co., Ltd |
| Street: | 5F Suehiro JF Bldg., 5-1-5, Sotokanda Chiyoda-ku |
| Place: | Tokyo 101-0021, JAPAN |
| Telephone: | +81-3-3834-1080 |
| e-mail: | info@tsukineko.co.jp |
| Internet: | www.tsukineko.co.jp |
| Responsible Department: | Product safety Mo-Fr (8:30-17:00 h) |



1.4. Emergency telephone number: +81-3-3834-1080

Australian Importer Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

triethanolamine

Signal word: Warning

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Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P102 Keep out of reach of children.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P280 Wear protective gloves.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of waste according to applicable legislation.

2.3. Other hazards

Results of PBT and vPvB assessment: Not applicable.

Endocrine disrupting properties: No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Water, solvents, humectant, binder, surfactants, colourants, additives

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|---|----------|-------------------|----------|
| | EC No | Index No | REACH No | |
| | Classification (GB CLP Regulation) | | | |
| 102-71-6 | triethanolamine | | | < 10 % |
| | 203-049-8 | | 01-2119486482-31 | |
| | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H315 H319 H317 H335 | | | |
| 111-46-6 | diethylene glycol | | | 1-<5% |
| | 203-872-2 | | 01-2119457857-21 | |
| | Acute Tox. 4; H302 | | | |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | | | 0.5-<1% |
| | 614-295-4 | | 01 -2119560577-29 | |
| | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1; H302 H315 H318 H400 | | | |

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

Specific Conc. Limits, M-factors and ATE

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| CAS No | EC No | Chemical name | Quantity |
|------------|-----------|--|----------|
| | | Specific Conc. Limits, M-factors and ATE | |
| 102-71-6 | 203-049-8 | triethanolamine | < 10 % |
| | | dermal: LD50 ≥ 2000 mg/kg; oral: LD50 = 6400 mg/kg | |
| 111-46-6 | 203-872-2 | diethylene glycol | 1-<5% |
| | | dermal: LD50 = 11900 mg/kg; oral: LD50 = 12600 mg/kg | |
| 68131-40-8 | 614-295-4 | Alcohols, C11-15-secondary, ethoxylated | 0.5-<1% |
| | | dermal: LD50 ≥ 2000 mg/kg; oral: LD50 ≥ 2000 mg/kg | |

Further Information

Please refer to our internet website for more information: www.tsukineko.co.jp

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.

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

May produce an allergic reaction.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

This material is combustible, but will not ignite readily.

In case of fire may be liberated: Nitrogen oxides (NO_x), carbon monoxide (CO)

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5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Suppress gases/vapours/mists with water spray jet.

Use water spray jet to protect personnel and to cool endangered containers.

Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes and skin.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

To clean the floor and all objects contaminated by this materials, use plenty of water.

Other information

Provide adequate ventilation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Handle and open container with care.

Avoid contact with eyes and skin.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Wash hands and face before breaks and after work and take a shower if necessary.

When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Keep container tightly closed.

Store in a cool dry place.

Keep away from heat.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Marker-ink

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|----------|-------------------|-----|-------------------|-----------|-----------|--------|
| 111-46-6 | 2,2'-Oxydiethanol | 23 | 101 | | TWA (8 h) | WEL |
| 56-81-5 | Glycerol, mist | - | 10 | | TWA (8 h) | WEL |

DNEL/DMEL values

| CAS No | Substance | | | |
|--------------------------|---|----------|-------------------------|--|
| DNEL type | Exposure route | Effect | Value | |
| 102-71-6 | triethanolamine | | | |
| Worker DNEL, long-term | inhalation | local | 1 mg/m ³ | |
| Worker DNEL, long-term | dermal | systemic | 7.5 mg/kg bw/day | |
| Worker DNEL, long-term | dermal | local | 0.14 mg/cm ² | |
| Consumer DNEL, long-term | inhalation | local | 0.4 mg/m ³ | |
| Consumer DNEL, long-term | dermal | systemic | 2.66 mg/kg bw/day | |
| Consumer DNEL, long-term | dermal | local | 0.07 mg/cm ² | |
| Consumer DNEL, long-term | oral | systemic | 3.3 mg/kg bw/day | |
| 111-46-6 | diethylene glycol | | | |
| Worker DNEL, long-term | inhalation | systemic | 44 mg/m ³ | |
| Worker DNEL, long-term | inhalation | local | 60 mg/m ³ | |
| Worker DNEL, long-term | dermal | systemic | 43 mg/kg bw/day | |
| Consumer DNEL, long-term | inhalation | systemic | 12 mg/m ³ | |
| Consumer DNEL, long-term | inhalation | local | 12 mg/m ³ | |
| Consumer DNEL, long-term | dermal | systemic | 21 mg/kg bw/day | |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | | | |
| Worker DNEL, long-term | inhalation | systemic | 42.32 mg/m ³ | |
| Worker DNEL, long-term | dermal | systemic | 6 mg/kg bw/day | |

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| | | | |
|--------------------------|------------|----------|-------------------------|
| Consumer DNEL, long-term | inhalation | systemic | 21.16 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 3 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 3 mg/kg bw/day |

PNEC values

| CAS No | Substance | |
|--|---|-------------|
| | | Value |
| 102-71-6 | triethanolamine | |
| Freshwater | | 0.32 mg/l |
| Freshwater (intermittent releases) | | 5.12 mg/l |
| Marine water | | 0.032 mg/l |
| Freshwater sediment | | 1.7 mg/kg |
| Marine sediment | | 0.17 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 10 mg/l |
| Soil | | 0.151 mg/kg |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | |
| Freshwater | | 0.02 mg/l |
| Freshwater (intermittent releases) | | 0.015 mg/l |
| Marine water | | 0.002 mg/l |
| Marine water (intermittent releases) | | 0.0015 mg/l |
| Freshwater sediment | | 28.1 mg/kg |
| Marine sediment | | 2.81 mg/kg |
| Secondary poisoning | | 22.2 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 8.24 mg/l |
| Soil | | 5.6 mg/kg |

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

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Wear protective gloves. Recommended material: NR (natural rubber, natural latex), Butyl caoutchouc (butyl rubber), NBR (nitrile rubber), FKM (fluoro rubber), PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber).

Breakthrough time: ≥ 8 hours

Skin protection

Apron, boots

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazards

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------|
| Physical state: | liquid |
| Colour: | various |
| Odour: | characteristic |
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | >100 °C |
| Flammability: | not determined |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Flash point: | >100 °C |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not determined |
| pH-Value(at 20 °C): | 8-11 |
| Water solubility(at 20 °C): | miscible |
| Solubility in other solvents | |
| not determined | |
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: | not determined |
| Density (at 20 °C): | ~ 1 g/cm ³ |
| Relative vapour density: | not determined |

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not explosive.

Oxidizing properties

The product is not oxidising.

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Other safety characteristics

Solid content: not determined

Evaporation rate: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Oxidizing agents, strong acids

10.6. Hazardous decomposition products

Thermal decomposition: nitrogen oxides (NO_x), carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculate

ATE (oral): 10638.3mg/kg

| CAS No | Chemical name | | | | |
|------------|---|-----------------|---------|------------------|----------|
| | Exposure route | Dose | Species | Source | Method |
| 102-71-6 | triethanolamine | | | | |
| | oral | LD50 6400mg/kg | Rat | IUCLID | OECD 401 |
| | dermal | LD50 >2000mg/kg | Rabbit | IUCLID | OECD 402 |
| 111-46-6 | diethylene glycol | | | | |
| | oral | LD50 12600mg/kg | Rat | literature value | |
| | dermal | LD50 11900mg/kg | Rabbit | literature value | |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | | | | |
| | oral | LD50 >2000mg/kg | Rat | IUCLID | OECD 423 |
| | dermal | LD50 >2000mg/kg | Rat | IUCLID | OECD 402 |

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

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May cause an allergic skin reaction. (triethanolamine)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

dermal, inhalative

11.2. Information on other hazards

Endocrine disrupting properties

No information available.

Further information

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

| CAS No | Chemical name | | | | | |
|------------|---|-------------------|-----------|--------------------------------|------------------|------------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 102-71-6 | triethanolamine | | | | | |
| | Acute fish toxicity | LC50 11800 mg/l | 96 h | Pimephales promelas | Supplier | |
| | Acute algae toxicity | ErC50 216 mg/l | 72 h | Desmodesmus subspicatus | Supplier | |
| | Acute crustacea toxicity | EC50 609.88 mg/l | 48 h | Ceriodaphnia dubia | IUCLID | ASTM Designation E1192 |
| | Acute bacteria toxicity | (EC50 >1000 mg/l) | 3 h | Activated sludge | IUCLID | OECD 209 |
| 111-46-6 | diethylene glycol | | | | | |
| | Acute fish toxicity | LC50 75222 mg/l | 96 h | Pimephales promelas | literature value | |
| | Acute algae toxicity | EC50 >100 mg/l | 72 h | Pseudokirchnerella subcapitata | IUCLID | OECD 201 |
| | Acute crustacea toxicity | EC50 62630 mg/l | 48 h | Daphnia magna | IUCLID | EPS 1/RM/11 |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | | | | | |
| | Acute fish toxicity | LC50 1.6 mg/l | 96 h | Pimephales promelas | literature value | |

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| | | | | | | |
|--|--------------------------|---------------|------|---------------|------------------|--|
| | Acute crustacea toxicity | EC50 1.3 mg/l | 48 h | Daphnia magna | literature value | |
|--|--------------------------|---------------|------|---------------|------------------|--|

12. 2. Persistence and degradability

The main components are readily biodegradable (according to OECD criteria). Technically correct releases

Tof minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

| CAS No | Chemical name | | | |
|------------|---|-----------|----|------------------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 102-71-6 | triethanolamine | | | |
| | OECD 301E | >60% | 28 | IUCLID |
| | Readily biodegradable (according to OECD criteria) | | | |
| 111-46-6 | diethylene glycol | | | |
| | OECD 301C (modified MITI-I test) | 83 - 96 % | 14 | IUCLID |
| | Readily biodegradable (according to OECD criteria) | | | |
| | OECD 301A (DOC Die-Away Test) | >90% | 10 | IUCLID |
| | Readily biodegradable (according to OECD criteria). | | | |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | | | |
| | OECD 301C (MITI test) / OECD 301F | >60% | 10 | IUCLID |
| | Readily biodegradable (according to OECD criteria) | | | |
| | OECD 301B | >60% | 28 | literature value |
| | Readily biodegradable (according to OECD criteria) | | | |

12. 3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|---|---------|
| 102-71-6 | triethanolamine | -1 |
| 111-46-6 | diethylene glycol | -1.98 |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | 5.3 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|------------|---|------------|-----------------|----------|
| 102-71-6 | triethanolamine | < 3.9 | Cyprinus carpio | Supplier |
| 68131-40-8 | Alcohols, C11-15-secondary, ethoxylated | 178 - 3010 | aquatic species | IUCLID |

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|---|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.3. Transport hazard class(es):</u> | No dangerous good in sense of this transport regulation. |
| <u>14.4. Packing group:</u> | No dangerous good in sense of this transport regulation. |

Inland waterways transport (ADN)

| | |
|---|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.3. Transport hazard class(es):</u> | No dangerous good in sense of this transport regulation. |
| <u>14.4. Packing group:</u> | No dangerous good in sense of this transport regulation. |

Marine transport (IMDG)

| | |
|---|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.3. Transport hazard class(es):</u> | No dangerous good in sense of this transport regulation. |
| <u>14.4. Packing group:</u> | No dangerous good in sense of this transport regulation. |

Air transport (ICAO-TI/IATA-DGR)

| | |
|---|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.3. Transport hazard class(es):</u> | No dangerous good in sense of this transport regulation. |
| <u>14.4. Packing group:</u> | No dangerous good in sense of this transport regulation. |

14.5. Environmental hazards

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ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3: not applicable

2004/42/EC (VOC): < 5 % (< 50 g/l)

Information according to 2012/18/EU(SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Revised due to Regulation (EU) No 2020/878

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimat

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

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ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

UVCB: Unknown or Variable Composition, Complex Reaction Products, and Biological Materials

VOC: Volatile Organic Compounds

Key literature references and sources for data

Registration Dossiers according to Regulation (EC) No. 1907/2006 [REACH]

Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification | Classification procedure |
|--------------------|--------------------------|
| Skin Sens. 1; H317 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|------|--------------------------------------|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |

Further Information

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The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

| No | Short title | LCS | SU | PC | PROC | ERC | AC | TF | Specification |
|----|---------------------|-----|----|----|------|-----|-----|----|---------------|
| 1 | Ink for marker pens | C | - | 18 | - | - | 30- | - | Ink |

LCS: Life cycle stages

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)