



## Safety Data Sheet

### August 2024

#### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product Code(s) O1001PLUS-5L  
Product name Cyan  
Product category PLUS UV Ink

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

Recommended use Industrial Printing Operations

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

Ollinks  
Unit D15, HRS Business Park  
Garretts Green Lane  
Garretts Green  
Birmingham, B33 0UE  
Tel: +44 (0)121 243 5475

##### For further information, please contact

Contact person Jennifer Davies  
E-mail address info@inkjetmonkey.com

##### 1.4. Emergency telephone number

0044 7930 324 262

#### Section 2: HAZARDS IDENTIFICATION

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

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

|                                                    |                        |
|----------------------------------------------------|------------------------|
| Skin corrosion/irritation                          | Category 2 - (H315)    |
| Serious eye damage/eye irritation                  | Category 1 - (H318)    |
| Skin sensitization                                 | Category 1 - (H317)    |
| Reproductive toxicity                              | Category 1B - (H360FD) |
| Specific target organ toxicity (repeated exposure) | Category 2 - (H373)    |
| Chronic aquatic toxicity                           | Category 2 - (H411)    |

##### 2.2. Label elements

**Signal word**

Danger

**Hazard statements**

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H360FD - May damage fertility. May damage the unborn child

H373 - May cause damage to organs through prolonged or repeated exposure

H411 - Toxic to aquatic life with long lasting effects

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

P201 - Obtain special instructions before use

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor

**2.3. Other hazards**

Toxic to aquatic life.

**PBT and vPvB assessment**

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixtures**

| Chemical name                                            | EC No (EU Index No) | CAS No.    | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                            | REACH registration number | Note |
|----------------------------------------------------------|---------------------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------|
| 2-Phenoxyethyl acrylate                                  | 256-360-6           | 48145-04-6 | 30 - 60  | Skin Sens. 1A (H317)<br>Repr. 2 (H361fd)<br>Aquatic Chronic 2 (H411)                                                                       | 01-2119980532-35-xxxx     |      |
| Dipropylene glycol diacrylate                            | 260-754-3           | 57472-68-1 | 10 - 30  | Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)                                                                           | 01-2119484629-21-xxxx     |      |
| N-vinylcaprolactam                                       | 218-787-6           | 2235-00-9  | 5 - 10   | Acute Tox. 4 (H302)<br>Acute Tox. 4 (H312)<br>Eye Irrit. 2A (H319)<br>Skin Sens. 1B (H317)<br>STOT RE 1 (H372) [liver, respiratory system] | 01-2119977109-27-xxxx     |      |
| Hexamethylene diacrylate (HDODA)                         | 235-921-9           | 13048-33-4 | 5 - 10   | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 2 (H411)                   | 01-2119484737-22-xxxx     |      |
| 1-Propanone,<br>2-methyl-1-[4-(methylthio)phenyl]-2-(4-m | 400-600-6           | 71868-10-5 | 1 - 5    | Acute Tox. 4 (H302)<br>Repr. 1B (H360FD)                                                                                                   | 01-0000015054-80-xxxx     | 3    |

|                                                 |           |            |               |                                                                                                                    |                       |   |
|-------------------------------------------------|-----------|------------|---------------|--------------------------------------------------------------------------------------------------------------------|-----------------------|---|
| orpholinyl)-                                    |           |            |               | Aquatic Chronic 2 (H411)                                                                                           |                       |   |
| Diphenyl-2,4,6-trimethylbenzoyl phosphine oxide | 278-355-8 | 75980-60-8 | 1 - 5         | Skin Sens. 1 (H317)<br>Repr. 1B (H360Fd)                                                                           | 01-2119972295-29-xxxx | 3 |
| Phenothiazine                                   | 202-196-5 | 92-84-2    | 0.10 - < 0.50 | Acute Tox. 4 (H302)<br>Skin Sens. 1 (H317)<br>STOT RE 2 (H373)<br>Aquatic Acute (H400)<br>Aquatic Chronic 1 (H410) | 01-2119488529-19-xxxx | 1 |

Note

REACH No: Registration number(s) may not be provided because substance(s) are exempted or not yet required to be registered under REACH

1. Substance with a Community workplace exposure limit

3. SVHC: Substances of Very High Concern for Authorization

| Chemical name                                                                      | EU - CLP (1272/2008) - Annex VI - Table 3 - Acute Toxicity Estimates (ATEs) | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------|----------|----------------------|
| 2-Phenoxyethyl acrylate<br>48145-04-6                                              |                                                                             |                                    |          | 1                    |
| Hexamethylene diacrylate (HDODA)<br>13048-33-4                                     |                                                                             |                                    | 1        | 1                    |
| 1-Propanone,<br>2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-<br>71868-10-5 |                                                                             |                                    |          | 1                    |
| Phenothiazine<br>92-84-2                                                           |                                                                             |                                    | 1        | 1                    |

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

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.

**Skin Contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.

**Inhalation**

Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately.

**Ingestion**

Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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

None under normal use conditions.

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

**Notes to Physician**

Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable Extinguishing Media**

Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

No information available.

### 5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions. Hazardous polymerization may take place during a fire due to heat. Closed containers could violently rupture.

**5.3. Advice for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers / tanks with water spray. Sealed containers may rupture when heated.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

Remove all sources of ignition. Ventilate the area. Avoid contact with eyes, skin and clothing. Avoid breathing dust or vapor. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**6.2. Environmental precautions**

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways. Local authorities should be advised if significant spillages cannot be contained.

**6.3. Methods and material for containment and cleaning up**

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use clean non-sparking tools to collect absorbed material.

**6.4. Reference to other sections**

See Section 12 for more information.

## Section 7: HANDLING AND STORAGE

**7.1. Precautions for safe handling**

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep at temperatures between 18°-32°C (65°-90°F). Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep out of the reach of children. Protect from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.

**7.3. Specific end use(s)**

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Exposure scenario             | No information available.                                        |
| Risk Management Methods (RMM) | The information required is contained in this Safety Data Sheet. |

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters****Exposure limits**

| Chemical name            | France                                                         |
|--------------------------|----------------------------------------------------------------|
| Phenothiazine<br>92-84-2 | TWA/VME: 5 mg/m <sup>3</sup><br>Skin                           |
| Chemical name            | Spain                                                          |
| Phenothiazine<br>92-84-2 | TWA/VLA-ED: 5 mg/m <sup>3</sup><br>Skin                        |
| Chemical name            | Portugal                                                       |
| Phenothiazine<br>92-84-2 | TWA/VLE-MP: 5 mg/m <sup>3</sup><br>Skin                        |
| Chemical name            | Finland                                                        |
| Phenothiazine<br>92-84-2 | TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup><br>Skin |
| Chemical name            | Denmark                                                        |
| Phenothiazine<br>92-84-2 | TWA: 5 mg/m <sup>3</sup><br>Skin                               |

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| <b>Chemical name</b>     | <b>Switzerland</b>                                  |
| Phenothiazine<br>92-84-2 | TWA/MAK: 5 mg/m <sup>3</sup> inhalable dust<br>Skin |
| <b>Chemical name</b>     | <b>Poland</b>                                       |
| Phenothiazine<br>92-84-2 | TWA/NDS: 4 mg/m <sup>3</sup>                        |
| <b>Chemical name</b>     | <b>Norway</b>                                       |
| Phenothiazine<br>92-84-2 | TWA: 5 mg/m <sup>3</sup><br>Skin                    |
| <b>Chemical name</b>     | <b>Ireland</b>                                      |
| Phenothiazine<br>92-84-2 | : 5 ppm<br>STEL: 15 mg/m <sup>3</sup>               |
| <b>Chemical name</b>     | <b>Australia TWA</b>                                |
| Phenothiazine<br>92-84-2 | TWA: 5 mg/m <sup>3</sup>                            |

**Derived No Effect Level (DNEL)**

| <b>Chemical name</b>                                                               | <b>DNEL - Dermal (Workers)</b>     | <b>DNEL - Inhalation (Workers)</b>                                                                      |
|------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------|
| 2-Phenoxyethyl acrylate<br>48145-04-6                                              | 1.5 mg/kg<br>(Systemic long term)  | 10 mg/m <sup>3</sup><br>(Systemic long term)<br>77 mg/m <sup>3</sup><br>(Local long term)               |
| Dipropylene glycol diacrylate<br>57472-68-1                                        | 2.77 mg/kg<br>(Systemic long term) | 24.48 mg/m <sup>3</sup><br>(Systemic long term)                                                         |
| N-vinylcaprolactam<br>2235-00-9                                                    | 0.7 mg/kg<br>(Systemic long term)  | 4.9 mg/m <sup>3</sup><br>(Systemic long term)<br>0.17 mg/m <sup>3</sup><br>(Local long term)            |
| Hexamethylene diacrylate (HDODA)<br>13048-33-4                                     | 2.77 mg/kg<br>(Systemic long term) | 24.5 mg/m <sup>3</sup><br>(Systemic long term)                                                          |
| 1-Propanone,<br>2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-<br>71868-10-5 | 0.4 mg/kg<br>(Systemic long term)  | 2.82 mg/m <sup>3</sup><br>(Systemic long term)                                                          |
| Diphenyl-2,4,6-trimethylbenzoyl phosphine oxide<br>75980-60-8                      | 1.1 mg/kg<br>(Systemic long term)  | 3.5 mg/m <sup>3</sup><br>(Systemic long term)                                                           |
| Phenothiazine<br>92-84-2                                                           | 0.15 mg/kg<br>(Systemic long term) | 0.53 mg/m <sup>3</sup><br>(Systemic long term)<br>1.59 mg/m <sup>3</sup><br>(Systemic acute/short term) |

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls****Engineering Measures**

Provide a good standard of general ventilation. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Users are advised to consider national Occupational Exposure Limits or other equivalent values. In case of insufficient ventilation, wear suitable respiratory equipment.

**Personal protective equipment****Eye/Face Protection**

Wear safety glasses with side shields (or goggles). If splashes are likely to occur: Wear suitable face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye Protection**

Safety glasses with side-shields. Goggles. Face-shield. Avoid contact with eyes. Ensure that eyewash stations and safety showers are close to the workstation location.

**Skin Protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Hand Protection**

Chemical resistant protective gloves.

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding >480 minutes of permeation time): eg. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information

|                                        |                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        | of glove manufacturers. Taking into account the varying conditions, the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.                                                                                                                                                                 |
|                                        | Due to different glove types, the manufacturer's directions for use should be observed. Replace gloves immediately when torn or any change in appearance is noticed such as dimension, color, flexibility.                                                                                                                                                                  |
| <b>Respiratory Protection</b>          | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material. |
| <b>General Hygiene Considerations</b>  | Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended.                                              |
| <b>Environmental exposure controls</b> | No information available.                                                                                                                                                                                                                                                                                                                                                   |

## SECTION 9: Physical and chemical properties

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

|                                                |                          |                                  |
|------------------------------------------------|--------------------------|----------------------------------|
| <b>Physical state</b>                          | Liquid                   |                                  |
| <b>Appearance</b>                              | No information available |                                  |
| <b>Odor</b>                                    | Mild. Sweet. Acrylic.    |                                  |
| <b>Odor threshold</b>                          | No information available |                                  |
| <b>Property</b>                                | <b>Values</b>            | <b>Remarks • Method</b>          |
| <b>Melting point / freezing point</b>          | No data available        | None known                       |
| <b>Initial boiling point and boiling range</b> | > 149 °C                 | None known                       |
| <b>Flammability</b>                            | No data available        | None known                       |
| <b>Flammability Limit in Air</b>               |                          | None known                       |
| <b>Upper flammability or explosive limits</b>  | No data available        |                                  |
| <b>Lower flammability or explosive limits</b>  | No data available        |                                  |
| <b>Flash point</b>                             | > 94 °C                  | Pensky Martens Closed Cup (PMCC) |
| <b>Autoignition temperature</b>                | No data available        | None known                       |
| <b>Decomposition temperature</b>               |                          | None known                       |
| <b>pH</b>                                      | No data available        | None known                       |
| <b>pH (as aqueous solution)</b>                | No data available        | None known                       |
| <b>Kinematic viscosity</b>                     | No data available        | None known                       |
| <b>Dynamic viscosity</b>                       | No data available        | None known                       |
| <b>Water solubility</b>                        | No data available        | None known                       |
| <b>Solubility(ies)</b>                         | No data available        | None known                       |
| <b>Partition coefficient</b>                   | No data available        | None known                       |
| <b>Vapor pressure</b>                          | No data available        | None known                       |
| <b>Relative density</b>                        | 1.09                     | None known                       |
| <b>Bulk density</b>                            | No data available        |                                  |
| <b>Liquid Density</b>                          | No data available        |                                  |
| <b>Relative vapor density</b>                  | No data available        | None known                       |
| <b>Particle characteristics</b>                |                          |                                  |
| <b>Particle Size</b>                           | No data available        |                                  |
| <b>Particle Size Distribution</b>              | No data available        |                                  |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

Not applicable

#### 9.2.2. Other safety characteristics

No information available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing. Do not store for longer periods at temperatures above 93°C (200°F).

### 10.4. Conditions to avoid

Temperatures above 93 °C / 200 °F. Protect from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

### 10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide.

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity

|              |                                                                   |
|--------------|-------------------------------------------------------------------|
| Inhalation   | Specific test data for the substance or mixture is not available. |
| Eye Contact  | Specific test data for the substance or mixture is not available. |
| Skin Contact | Specific test data for the substance or mixture is not available. |
| Ingestion    | Specific test data for the substance or mixture is not available. |

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown acute toxicity.

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

|                               |           |
|-------------------------------|-----------|
| ATEmix (oral)                 | 5,033.10  |
| ATEmix (dermal)               | 21,426.30 |
| ATEmix (inhalation-gas)       | 99,999.00 |
| ATEmix (inhalation-dust/mist) | 99,999.00 |
| ATEmix (inhalation-vapor)     | 99,999.00 |

#### Unknown Acute Toxicity

0 % of the mixture consists of ingredient(s) of unknown acute toxicity.  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.  
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

| Chemical name                                  | Oral LD50            |
|------------------------------------------------|----------------------|
| 2-Phenoxyethyl acrylate<br>48145-04-6          | = 4660 µL/kg ( Rat ) |
| Dipropylene glycol diacrylate<br>57472-68-1    | = 4600 mg/kg ( Rat ) |
| Hexamethylene diacrylate (HDODA)<br>13048-33-4 | = 5 g/kg ( Rat )     |

|                                                                                 |                         |
|---------------------------------------------------------------------------------|-------------------------|
| Phenothiazine<br>92-84-2                                                        | = 5000 mg/kg ( Rat )    |
| Dipropylene glycol diacrylate<br>57472-68-1                                     | > 2000 mg/kg ( Rabbit ) |
| N-vinylcaprolactam<br>2235-00-9                                                 | = 1700 mg/kg ( Rabbit ) |
| Hexamethylene diacrylate (HDODA)<br>13048-33-4                                  | = 3600 mg/kg ( Rabbit ) |
| 1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-<br>71868-10-5 | > 2000 mg/kg ( Rat )    |
| Diphenyl-2,4,6-trimethylbenzoyl phosphine oxide<br>75980-60-8                   | > 2000 mg/kg ( Rat )    |
| Phenothiazine<br>92-84-2                                                        | > 2000 mg/kg ( Rat )    |
| N-vinylcaprolactam<br>2235-00-9                                                 | > 1.6 mg/L ( Rat ) 8 h  |

|                                  |                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin corrosion/irritation</b> | Specific test data for the substance or mixture is not available. Causes skin irritation (pain, redness and swelling). (based on components). |
| <b>Eye damage/irritation</b>     | Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components).                           |
| <b>Sensitization</b>             | Specific test data for the substance or mixture is not available. May cause an allergic skin reaction. (based on components).                 |
| <b>Mutagenic Effects</b>         | Specific test data for the substance or mixture is not available.                                                                             |
| <b>Carcinogenic effects</b>      | Specific test data for the substance or mixture is not available.                                                                             |
| <b>Reproductive Effects</b>      | Specific test data for the substance or mixture is not available. May damage fertility. May damage the unborn child. (based on components).   |
| <b>CMR, categories 1 and 2</b>   | This product contains one or more substances which are classified in the EU as carcinogenic, mutagenic and/or reprotoxic                      |

| Chemical name                                                                   | CMR, categories 1 and 2 |
|---------------------------------------------------------------------------------|-------------------------|
| 2-Phenoxyethyl acrylate<br>48145-04-6                                           | Repr. 2                 |
| 1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-<br>71868-10-5 | Repr. 1B                |
| Diphenyl-2,4,6-trimethylbenzoyl phosphine oxide<br>75980-60-8                   | Repr. 1B                |

|                                 |                                                                                                                                                             |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>STOT - single exposure</b>   | Specific test data for the substance or mixture is not available.                                                                                           |
| <b>STOT - repeated exposure</b> | Specific test data for the substance or mixture is not available. May cause damage to organs through prolonged or repeated exposure. (based on components). |
| <b>Target organ effects</b>     | Liver, Respiratory system.                                                                                                                                  |
| <b>Aspiration hazard</b>        | Specific test data for the substance or mixture is not available.                                                                                           |

## 11.2. Information on other hazards

No information available

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Specific test data for the substance or mixture is not available. Toxic to aquatic life with long lasting effects. (based on components).

#### Unknown aquatic toxicity

Contains 0 % of components with unknown hazards to the aquatic environment

| Chemical name                                                                   | Fish                                                |
|---------------------------------------------------------------------------------|-----------------------------------------------------|
| N-vinylcaprolactam<br>2235-00-9                                                 | 96h LC50 Danio rerio: = 307 mg/L (static)           |
| 1-Propanone, 2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-<br>71868-10-5 | 96h LC50 Danio rerio: = 9 mg/L (static)             |
| Phenothiazine<br>92-84-2                                                        | 96h LC50 Oncorhynchus mykiss: = 0.597 mg/L (static) |



**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

| Chemical name            | Partition coefficient |
|--------------------------|-----------------------|
| Phenothiazine<br>92-84-2 | 4.24                  |

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**12.6 Endocrine disrupting properties.**

This product does not contain any known or suspected endocrine disruptors.

**12.7. Other adverse effects**

No information available.

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

|                                     |                                                                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------|
| Waste from residues/unused products | Contain and dispose of waste according to local regulations.                                   |
| Contaminated Packaging              | Empty containers should be taken to an approved waste handling site for recycling or disposal. |

**Section 14: TRANSPORT INFORMATION**

**Note:** This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

**ADR** Not Regulated  
ADR Special Provision 375 applies only to environmentally hazardous substances, UN3077 and UN3082. These items may be shipped as "not regulated" if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards.

**ICAO / IATA / IMDG / IMO** Not Regulated  
ICAO/IATA Special Provision A197 applies only to environmentally hazardous substances, UN3077 and UN3082. These items may be shipped as "not regulated" if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards.  
  
IMDG code 2.10.2.7 applies only to marine pollutants. These items may be shipped as "not regulated" and no marine pollutant mark is required if in quantities of 5L or less (per inner packaging) for liquids or 5KG or less (per inner packaging) for solids and the packaging used meets the defined standards.

**Section 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**European Union****International Inventories**

For further information, please contact: Supplier (manufacturer/importer/downstream user/distributor)

**Regulation (EC) No. 1907/2006 (REACH), Article 57**

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59). See section 3 for more information.

**15.2. Chemical safety assessment**

No information available.

**Section 16: OTHER INFORMATION****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H360FD - May damage fertility. May damage the unborn child

H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child

H372 - Causes damage to organs through prolonged or repeated exposure

H373 - May cause damage to organs through prolonged or repeated exposure

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA

TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling

Maximum limit value

Sk\*

Skin designation

+

Sensitizers

**Revision date**

Aug-08-2024

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**