



# SAFETY DATA SHEET

## Section 1. Identification of the chemical and information on the person placing the chemical on the market

### Important information

\*\*\* This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. \*\*\*

### 1.1. Chemical identification

CH830 Series

### Other means of identification

**Synonyms** HP Scitex TJ210 Cyan Ink

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

**Identified uses** Inkjet printing

**Uses advised against** None known.

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

HP Computing and Printing Ltd. Belgrade  
Omladinskih Brigada 90b, 1st Floor (Module N.)  
Belgrade  
Serbia 11070

**Telephone** +381-11-2014283

### HP Inc. health effect line

**(Toll-free within US)** 1-800-457-4209

**(Direct)** 1-760-710-0048

### HP Inc. Customer Care Line

**(Toll-free within the US)** 1-800-474-6836

**(Direct)** 1-208-323-2551

**Email:** hpcustomer.inquiries@hp.com

**1.4 Emergency telephone number** 1-760-710-0048

## Section 2. Hazards identification

### 2.1. Classification of the substance or mixture

**Physical hazards** Not classified.

|                              |  |             |
|------------------------------|--|-------------|
| <b>Health hazards</b>        | Skin corrosion/irritation                                      | Category 2  |
|                              | Serious eye damage/eye irritation                              | Category 2  |
|                              | Skin sensitization   | Category 1  |
|                              | Reproductive toxicity  | Category 1B |
|                              | Specific target organ toxicity - repeated exposure             | Category 1  |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, long-term aquatic hazard | Category 2  |

### 2.2. Label elements

#### Hazard pictograms



**Signal word** Danger

#### Hazard statements

|        |  |
|--------|--|
| H315   | Causes skin irritation.                            |
| H319   | Causes serious eye irritation.                     |
| H317   | May cause an allergic skin reaction.               |
| H360FD | May damage fertility. May damage the unborn child. |

H372 Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements

#### Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P270 Do not eat, drink or smoke when using this product.  
P264 Wash hands thoroughly after handling.  
P273 Avoid release to the environment.

#### Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
P337 + P313 IF ON SKIN: Wash with plenty of soap and water.  
P302 + P352 If skin irritation or rash occurs: Get medical advice/attention.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P308 + P313 IF EXPOSED OR CONCERNED: Get medical attention/advice.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P314 Get medical attention/advice if you feel unwell.  
P391 Collect spillage.  
P362 Take off contaminated clothing and wash before reuse.

#### Storage

P405 Store locked up.

#### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3. Other hazards

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

### Supplemental information

None.

## Section 3. Composition/information on ingredients

### 3.2. Mixtures

#### General information

| Chemical name  | %   | CAS-No. / EC No.        | REACH Registration No. | Index No.    | Notes |
|--|---|-------------------------|------------------------|--------------|-------|
| Neopentylglycol, propoxylated esters with acrylic acid   | <25   | 84170-74-1              | 01-2119970213-43-XXXX  | -            |       |
| <b>Classification:</b>                                   | -   | -                       | -                      | -            |       |
| 1-vinylhexahydro-2H-azepin-2-one                         | <20   | 2235-00-9<br>218-787-6  | 01-2119977109-27-XXXX  | -            |       |
| <b>Classification:</b>                                   | Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Sens. 1B;H317, Eye Irrit. 2;H319, STOT RE 1;H372 |                         |                        |              |       |
| Isodecyl acrylate  | <15   | 1330-61-6<br>215-542-5  | -                      | -            |       |
| <b>Classification:</b>                                   | -   |                         |                        |              |       |
| Tetrahydrofurfuryl acrylate                              | <15   | 2399-48-6<br>219-268-7  | 01-2120738396-46-XXXX  | -            |       |
| <b>Classification:</b>                                   | Repr. 1B;H360FD   |                         |                        |              |       |
| 2-phenoxyethyl acrylate                                  | <7.5  | 48145-04-6<br>256-360-6 | 01-2119980532-35-XXXX  | -            |       |
| <b>Classification:</b>                                   | Repr. 2;H361d   |                         |                        |              |       |
| 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one | <5  | 71868-10-5<br>400-600-6 | -                      | 606-041-00-6 |       |
| <b>Classification:</b>                                   | Repr. 1B;H360FD   |                         |                        |              |       |

| Chemical name                                     | %  | CAS-No. / EC No.        | REACH Registration No. | Index No.    | Notes |
|---|--|-------------------------|------------------------|--------------|-------|
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | <5   | 75980-60-8<br>278-355-8 | 01-2119972295-29-XXXX  | 015-203-00-X |       |
| <b>Classification:</b>                            | Skin Sens. 1B;H317, Repr. 2;H361d, Repr. 2;H361f, Aquatic Chronic 2;H411 |                         |                        |              |       |
| 2-isopropyl-9H-thioxanthen-9-one                  | <2.5   | 5495-84-1<br>226-827-9  | 01-2120769513-49-XXXX  | -            |       |
| <b>Classification:</b>                            | -  |                         |                        |              |       |
| Glycerol, propoxylated, esters with acrylic acid  | <1   | 52408-84-1<br>500-114-5 | 01-2119487948-12-0010  | -            |       |
| <b>Classification:</b>                            | -  |                         |                        |              |       |

## Section 4. First aid measures

### 4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | If dust from the material is inhaled, remove the affected person immediately to fresh air.<br><br>Move to fresh air in case of accidental inhalation of vapors or decomposition products. If breathing is difficult, give oxygen. Oxygen or artificial respiration if needed. Consult a physician for specific advice. |
| <b>Skin contact</b> | Wash the skin immediately with soap and water. In case of contact with molten product, cool rapidly with water and seek immediate medical attention. Do not attempt to remove molten product from skin because skin will tear easily.  |
| <b>Eye contact</b>  | In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.<br>Get medical attention immediately.   |
| <b>Ingestion</b>    | If swallowed, do NOT induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.  |

**4.2. Most important symptoms and effects, both acute and delayed** No experiences of acute or chronic damages in humans have been made yet.

**4.3. Indication of any immediate medical attention and special treatment needed** Not available.

**General information** Risk of skin burn caused by hot melt.  
Do not leave the victim unattended.  
Remove victim immediately from source of exposure.  
Victim to lie down in the recovery position, cover and keep him warm.

## Section 5. Fire fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Dry powder. Carbon dioxide (CO<sub>2</sub>). Water may be ineffective.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** Not available.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Avoid runoff into storm sewers and ditches which lead to waterways.

**Special fire fighting procedures** Avoid runoff into storm sewers and ditches which lead to waterways.

**General fire hazards** Not available.

## Section 6. Accidental release measures

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

**For non-emergency personnel** Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

**For emergency responders** Not available.

**6.2. Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

**6.3. Methods and material for containment and cleaning up** Not available.

**6.4. Reference to other sections** Not available.

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## Section 7. Handling and storage

**7.1. Precautions for safe handling** Avoid contact with skin, eyes and clothing.

**7.2. Conditions for safe storage, including any incompatibilities** Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

**7.3. Specific end use(s)** Not available.

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## Section 8. Exposure controls and personal protection

### 8.1. Control parameters

**Occupational exposure limits** No exposure limits noted for ingredient(s).

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Not available.

**Exposure guidelines** Exposure limits have not been established for this product.

### 8.2. Exposure controls

**Appropriate engineering controls** Not available.

### Individual protection measures, such as personal protective equipment

**General information** Not available.

**Eye/face protection** Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

#### Skin protection

**- Hand protection** Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.

#### - Other

Wear appropriate chemical resistant gloves.  
Wear appropriate chemical resistant clothing.

**Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

**Thermal hazards** Not available.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

**Environmental exposure controls** Not available.

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## Section 9. Physical and chemical properties

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

#### Appearance

**Physical state** Liquid.

**Form** Liquid.

**Color** Cyan

**Odor** Characteristic.

**Odor threshold** Not available.

**pH** 6.8 - 7.2 Metler Toledo pH Meter. Temperature 25°C

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** 224.6 °F (107.0 °C) Closed Cup EPA Method 1020

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

#### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** Not available.

|  |   |
|--|---|
| <b>Flammability limit - upper (%)</b>          | Not available.  |
| <b>Vapor pressure</b>                          | Not available.  |
| <b>Vapor density</b>                           | Not available.  |
| <b>Solubility(ies)</b>                         |   |
| <b>Solubility (water)</b>                      | Not available.  |
| <b>Partition coefficient (n-octanol/water)</b> | Not available.  |
| <b>Auto-ignition temperature</b>               | Not available.  |
| <b>Decomposition temperature</b>               | Not available.  |
| <b>Viscosity</b>                               | 13.5 - 14.5 cP Brookfield Viscometer ( $\pm$ 0.5) Temperature 40°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading. |
| <b>Explosive properties</b>                    | Not available.  |
| <b>Oxidizing properties</b>                    | Not available.  |
| <b>9.2. Other information</b>                  |   |
| <b>VOC</b>                                     | 3.93 g/L Method 24/ASTM D403-93   |

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## Section 10. Stability and reactivity

|   |   |
|---|---|
| <b>10.1. Reactivity</b>                         | Not available.  |
| <b>10.2. Chemical stability</b>                 | Stable under normal storage conditions.   |
| <b>10.3. Possibility of hazardous reactions</b> | Hazardous polymerization can occur with decreased inhibitor content.  |
| <b>10.4. Conditions to avoid</b>                | Exposure to sunlight.   |
| <b>10.5. Incompatible materials</b>             | Incompatible with strong bases and oxidizing agents. alkaline metals  |
| <b>10.6. Hazardous decomposition products</b>   | Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

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## Section 11. Toxicological information

|   |   |
|---|---|
| <b>General information</b>                                | Not available.  |
| <b>Information on likely routes of exposure</b>           |   |
| <b>Inhalation</b>   | Inhalation may result in mild irritation to the respiratory system.                         |
| <b>Skin contact</b>                                       | Causes skin irritation. May cause sensitization by skin contact.                            |
| <b>Eye contact</b>  | Causes serious eye irritation.  |
| <b>Ingestion</b>  | May be harmful if swallowed.  |
| <b>Symptoms</b>   | Not available.  |
| <b>11.1. Information on toxicological effects</b>         |   |
| <b>Acute toxicity</b>                                     | No data available.  |
| <b>Skin corrosion/irritation</b>                          | Causes skin irritation.   |
| <b>Serious eye damage/eye irritation</b>                  | Causes serious eye irritation.  |
| <b>Respiratory or skin sensitization</b>                  |   |
| <b>Respiratory sensitization</b>                          | Based on available data, the classification criteria are not met.                           |
| <b>Skin sensitization</b>                                 | May cause sensitization by skin contact.  |
| <b>Germ cell mutagenicity</b>                             | Based on available data, the classification criteria are not met.                           |
| <b>Carcinogenicity</b>                                    | Based on available data, the classification criteria are not met.                           |
| <b>Reproductive toxicity</b>                              | May damage fertility. May damage the unborn child.  |
| <b>Specific target organ toxicity - single exposure</b>   | May cause irritation to the respiratory system.   |
| <b>Specific target organ toxicity - repeated exposure</b> | Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. |
| <b>Aspiration hazard</b>                                  | Based on available data, the classification criteria are not met.                           |
| <b>Mixture versus substance information</b>               | Not available.  |
| <b>Other information</b>                                  | Complete toxicity data are not available for this specific formulation                      |

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## Section 12. Ecotoxicological information

|                       |   |
|-----------------------|---|
| <b>12.1. Toxicity</b> | No toxicity data noted for the ingredient(s). |
|-----------------------|---|

|  |  |
|--|--|
| <b>Aquatic toxicity</b>                                | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects. |
| <b>12.2. Persistence and degradability</b>             | Not available.   |
| <b>12.3. Bioaccumulative potential</b>                 | Not available.   |
| <b>Partition coefficient n-octanol/water (log Kow)</b> | Not available.   |
| <b>Bioconcentration factor (BCF)</b>                   | Not available.   |
| <b>12.4. Mobility in soil</b>                          | Not available.   |
| <b>12.5. Results of PBT and vPvB assessment</b>        | Not a PBT or vPvB substance or mixture.  |
| <b>12.6. Other adverse effects</b>                     | Not available.   |

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## Section 13. Disposal

### 13.1. Waste treatment methods

|                                     |  |
|-------------------------------------|--|
| <b>Residual waste</b>               | Not available.   |
| <b>Contaminated packaging</b>       | Not available.   |
| <b>EU waste code</b>                | Not available.   |
| <b>Disposal methods/information</b> | Do not dispose of together with general office waste.<br>Do not allow this material to drain into sewers/water supplies.<br>Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.<br>Ensure collection and disposal with an appropriately licensed waste contractor. |

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## Section 14. Transport information

### DOT

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN3082  |
| <b>UN proper shipping name</b>      | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative), MARINE POLLUTANT |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 9   |
| <b>Subsidiary risk</b>              | -   |
| <b>Packing group</b>                | III   |
| <b>Environmental hazards</b>        |   |
| <b>Marine pollutant</b>             | Yes   |
| <b>Special precautions for user</b> | Not available.  |

**DOT Supplemental Information** DOT Classification only applies to shipments within the US and Puerto Rico.

### IATA

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN3082  |
| <b>UN proper shipping name</b>      | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative) |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 9   |
| <b>Subsidiary risk</b>              | -   |
| <b>Packing group</b>                | III   |
| <b>Environmental hazards</b>        | Yes   |
| <b>Special precautions for user</b> | Not available.  |

**IATA Supplemental Information** When shipping ≤ 5L inner packaging, Special Provision A197 may apply.

### IMDG

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN3082  |
| <b>UN proper shipping name</b>      | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative), MARINE POLLUTANT |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 9   |
| <b>Subsidiary risk</b>              | -   |
| <b>Packing group</b>                | III   |
| <b>Transport hazard class(es)</b>   |   |
| <b>Marine pollutant</b>             | Yes   |
| <b>EmS</b>                          | F-A, S-F  |
| <b>Special precautions for user</b> | Not available.  |

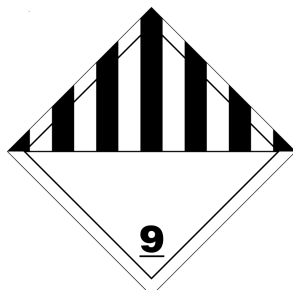
**IMDG Supplemental Information** When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

### ADR

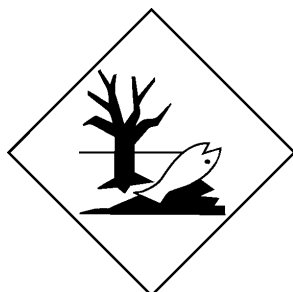
|                  |        |
|------------------|--------|
| <b>UN number</b> | UN3082 |
|------------------|--------|

|                                     |   |
|-------------------------------------|---|
| <b>UN proper shipping name</b>      | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative) |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 9   |
| <b>Subsidiary risk</b>              | -   |
| <b>Hazard No. (ADR)</b>             | Not available.  |
| <b>Tunnel restriction code</b>      | Not available.  |
| <b>Packing group</b>                | III   |
| <b>Environmental hazards</b>        | Yes   |
| <b>Special precautions for user</b> | Not available.  |

ADR; DOT; IATA; IMDG



Marine pollutant



## Section 15. Regulatory information

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

**Restrictions and prohibitions on manufacture, placing on the market and use of chemicals (Regulation 90/2013, Annex 1, Part 1, as amended)**

Not listed.

### 15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

### International regulations

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Montreal Protocol

Not applicable.

#### Kyoto protocol

Not applicable.

#### Basel Convention

Not applicable.

## Section 16. Other information

### References

Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).

Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).

**Information on evaluation method leading to the classification of mixture**

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any H-statements not written out in full under Sections 2 to 15**

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H360FD May damage fertility. May damage the unborn child.
- H361d Suspected of damaging the unborn child.
- H361f Suspected of damaging fertility.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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**Explanation of abbreviations**

|               |   |
|---------------|---|
| <b>ACGIH</b>  | American Conference of Governmental Industrial Hygienists           |
| <b>CAS</b>    | Chemical Abstracts Service  |
| <b>CERCLA</b> | Comprehensive Environmental Response Compensation and Liability Act |
| <b>CFR</b>    | Code of Federal Regulations   |
| <b>COC</b>    | Cleveland Open Cup  |
| <b>DOT</b>    | Department of Transportation  |
| <b>EPCRA</b>  | Emergency Planning and Community Right-to-Know Act (aka SARA)       |
| <b>IARC</b>   | International Agency for Research on Cancer                         |
| <b>NIOSH</b>  | National Institute for Occupational Safety and Health               |
| <b>NTP</b>    | National Toxicology Program   |
| <b>OSHA</b>   | Occupational Safety and Health Administration                       |
| <b>PEL</b>    | Permissible Exposure Limit  |
| <b>RCRA</b>   | Resource Conservation and Recovery Act                              |
| <b>REC</b>    | Recommended   |
| <b>REL</b>    | Recommended Exposure Limit  |
| <b>SARA</b>   | Superfund Amendments and Reauthorization Act of 1986                |
| <b>STEL</b>   | Short-Term Exposure Limit   |
| <b>TCLP</b>   | Toxicity Characteristics Leaching Procedure                         |
| <b>TLV</b>    | Threshold Limit Value   |
| <b>TSCA</b>   | Toxic Substances Control Act  |
| <b>VOC</b>    | Volatile Organic Compounds  |