



SAFETY DATA SHEET

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

Important information

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1.1. Chemical identification

CN829Series

Other means of identification

Synonyms HP XP220 Magenta Scitex 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 d.o.o., Omladinskih Brigada 90b, Belgrade
Serbia 11070

HP Europe B.V.
PO Box 667
1180 AR Amstelveen
The Netherlands
+31 20 721 3400

Telephone

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.

| | | |
|-----------------------|---|--|
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 1 |
| | Skin sensitization | Category 1 |
| | Reproductive toxicity (fertility, the unborn child) | Category 1B |
| | Specific target organ toxicity - single exposure | Category 3 respiratory tract irritation |
| | Specific target organ toxicity - repeated exposure | Category 1 (liver, respiratory system) |
| | Environmental hazards | Hazardous to the aquatic environment, long-term aquatic hazard |

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements

| | |
|--------|--|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H317 | May cause an allergic skin reaction. |
| H360FD | May damage fertility. May damage the unborn child. |
| H335 | May cause respiratory irritation. |
| H372 | Causes damage to organs (liver, respiratory) 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. |
| P271 | Use only outdoors or in a well-ventilated area. |
| 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. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P308 + P313 | IF EXPOSED OR CONCERNED: Get medical attention/advice. |
| P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P312 | Call a POISON CENTER/doctor/physician if you feel unwell. |
| P391 | Collect spillage. |
| P362 | Take off contaminated clothing and wash before reuse. |

Storage

| | |
|-------------|--|
| P405 | Store locked up. |
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |

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 |
|---|---|-------------------------|------------------------|-----------|-------|
| exo-1,7,7-trimethylbicyclo[2.2,1]hept-2-yl acrylate | <25 | 5888-33-5 227-561-6 | 01-2119957862-25-XXXX | - | |
| Classification: | Skin Irrit. 2;H315, Skin Sens. 1B;H317, Eye Irrit. 2;H319, STOT SE 3;H335, Aquatic Chronic 1;H410 | | | | |
| 1-vinylhexahydro-2H-azepin-2-one | <20 | 2235-00-9 218-787-6 | 01-2119977109-27-XXXX | - | |
| Classification: | Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Sens. 1B;H317, Eye Irrit. 2;H319, STOT RE 1;H372 | | | | |
| Propylidynetrimethanol, ethoxylated, esters with acrylic acid | <20 | Proprietary - | - | - | |
| Classification: | - | | | | |
| Dodecyl acrylate | <15 | 2156-97-0 218-463-4 | 01-2119976296-23-XXXX | - | |
| Classification: | - | | | | |
| (octahydro-4,7-methano-1H-indenediy l)bis(methylene) diacrylate | <10 | 42594-17-2 255-901-3 | - | - | |
| Classification: | - | | | | |

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|--|-----------------|--------------------------|------------------------|--------------|-------|
| Tetrahydrofurfuryl acrylate | <7.5 | 2399-48-6 219-268-7 | 01-2120738396-46-XXXX | - | |
| Classification: | Repr. 1B;H360FD | | | | |
| Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide | <5 | 162881-26-7 423-340-5 | 01-2119489401-38-XXXX | 015-189-00-5 | |
| Classification: | - | | | | |
| 2-methyl-1-(4-methylthiophenyl)- 2-morpholinopropan-1-one | <2.5 | 71868-10-5 400-600-6 | - | 606-041-00-6 | |
| Classification: | Repr. 1B;H360FD | | | | |
| Ethyl 4-dimethylaminobenzoate | <2.5 | 10287-53-3 233-634-3 | - | - | |
| Classification: | - | | | | |
| Oxybis(methyl-2,1-ethanediyl) diacrylate | <2.5 | 57472-68-1 260-754-3 | 01-2119484629-21-XXXX | - | |
| Classification: | - | | | | |

Section 4. First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Move to fresh air. If symptoms persist, get medical attention. |
| Skin contact | Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention. |
| Eye contact | Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention. |
| Ingestion | If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. |

4.2. Most important symptoms and effects, both acute and delayed Not available.

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

General information Not available.

Section 5. Fire fighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|---|
| Suitable extinguishing media | Dry powder. Carbon dioxide (CO2). Water may be ineffective. |
| Unsuitable extinguishing media | Water. |

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 | Not available. |

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. |
| 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.

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

6.4. Reference to other sections Not available.

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. |

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. |

Derived no effect levels (DNELs)

| Components | Type | Route | Value | Form |
|---|-----------|------------|-----------------|---------------------|
| 1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9) | Workers | Dermal | 0.7 mg/kg | Systemic long term |
| | | Inhalation | 4.9 mg/m3 | Systemic long term |
| | | Inhalation | 0.17 mg/m3 | Local long term |
| Dodecyl acrylate (CAS 2156-97-0) | Workers | Dermal | 138.9 mg/kg | Systemic long term |
| | | Inhalation | 97.9 mg/m3 | Systemic long term |
| exo-1,7,7-trimethylbicyclo[2.2,1]hept-2-yl acrylate (CAS 5888-33-5) | Workers | Dermal | 1.39 mg/kg | Systemic long term |
| Oxybis(methyl-2,1-ethanediyl) diacrylate (CAS 57472-68-1) | Workers | Dermal | 2.77 mg/kg | Systemic long term |
| | | Inhalation | 24.48 mg/m3 | Systemic short term |
| Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7) | Workers | Dermal | 3.3 mg/kg | Systemic long term |
| | | Dermal | 3.3 mg/kg | Systemic short term |
| | | Inhalation | 7.8 mg/m3 | Systemic long term |
| Tetrahydrofurfuryl acrylate (CAS 2399-48-6) | Consumers | Inhalation | 7.8 mg/m3 | Systemic short term |
| | | Dermal | 1.75 mg/kg bw/d | Systemic long term |
| | | Inhalation | 0.3 mg/m3 | Systemic long term |
| | Workers | Oral | 0.18 mg/kg bw/d | Systemic long term |
| | | Dermal | 4.9 mg/kg bw/d | Systemic long term |
| | | Inhalation | 1.73 mg/m3 | Systemic long term |

Predicted no effect concentrations (PNECs)

| Components | Type | Route | Value | Form |
|---|----------------|--------------|---------------|------------------------|
| 1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9) | Not applicable | Freshwater | 0.1 mg/l | |
| | | Intermittent | 1 mg/l | Releases |
| | | Marine water | 0.01 mg/l | |
| | | Sediment | 0.829 mg/kg | Freshwater |
| | | Sediment | 0.0829 mg/kg | Marine water |
| | | Soil | 0.107 mg/kg | |
| | | STP | 262 mg/l | Sewage Treatment Plant |
| Dodecyl acrylate (CAS 2156-97-0) | Not applicable | Freshwater | 0.495 mg/l | |
| | | Intermittent | 0.52 mg/l | Releases |
| | | Marine water | 0.05 mg/l | |
| | | Sediment | 1245.42 mg/kg | Freshwater |
| | | Sediment | 124.54 mg/kg | Marine water |
| | | Soil | 248.09 mg/kg | |
| | | STP | 1000 mg/l | Sewage Treatment Plant |
| exo-1,7,7-trimethylbicyclo[2.2,1]hept-2-yl acrylate (CAS 5888-33-5) | Not applicable | Freshwater | 0.00092 mg/l | |
| | | Intermittent | 0.00704 mg/l | Releases |
| | | Marine water | 0.000092 mg/l | |
| | | Sediment | 0.145 mg/kg | Freshwater |
| | | Sediment | 0.0145 mg/kg | Marine water |

| Components | Type | Route | Value | Form |
|---|----------------|------------------------|---------------|------------------------|
| Oxybis(methyl-2,1-ethanediyl) diacrylate (CAS 57472-68-1) | Not applicable | Soil | 0.0285 mg/kg | Sewage Treatment Plant |
| | | STP | 2 mg/l | |
| | | Freshwater | 0.0034 mg/l | Releases |
| | | Intermittent | 0.034 mg/l | |
| Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7) | Not applicable | Marine water | 0.00034 mg/l | Freshwater |
| | | Sediment | 0.00884 mg/kg | |
| | | Soil | 0.0013 mg/kg | Sewage Treatment Plant |
| | | STP | 100 mg/l | |
| | | Freshwater | 0.8 mg/l | Releases |
| | | Intermittent | 0.8 mg/l | |
| Tetrahydrofurfuryl acrylate (CAS 2399-48-6) | Not applicable | Marine water | 0.8 mg/l | Sewage Treatment Plant |
| | | STP | 1 mg/l | |
| | | Freshwater | 3.92 µg/l | Releases |
| | | Intermittent | 39.2 µg/l | |
| | | Marine water | 0.392 µg/l | Freshwater |
| | | Sediment | 0.0206 mg/kg | |
| | | Sediment | 0.0021 mg/kg | Marine water |
| | | Soil | 0.0018 mg/kg | |
| STP | 2.637 mg/l | Sewage Treatment Plant | | |

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

8.2. Exposure controls

Appropriate engineering controls Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

Individual protection measures, such as personal protective equipment

General information Avoid contact with the skin and the eyes. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. when making new working solution

Eye/face protection Not available.

Skin protection

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

- Other Not available.

Respiratory protection Not available.

Thermal hazards Not available.

Hygiene measures Not available.

Environmental exposure controls Not available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Appearance | Liquid. |
| Physical state | Not available. |
| Form | Liquid. |
| Color | Magenta |
| 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 | > 212.0 °F (> 100.0 °C) Closed Cup |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity 13.5 - 14.5 cP Brookfield Viscometer (± 0.5) Temperature 45°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading.

Explosive properties Not available.

Oxidizing properties Not available.

9.2. Other information

VOC < 95 g/L

Section 10. Stability and reactivity

10.1. Reactivity Not available.

10.2. Chemical stability Stable under normal storage conditions.

10.3. Possibility of hazardous reactions Hazardous polymerization can occur with decreased inhibitor content.

10.4. Conditions to avoid Exposure to sunlight.

10.5. Incompatible materials Incompatible with strong bases and oxidizing agents. alkaline metals

10.6. Hazardous decomposition products Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Section 11. Toxicological information

General information Not available.

Information on likely routes of exposure

Inhalation May cause irritation to the respiratory system.

Skin contact Causes skin irritation. May cause sensitization by skin contact.

Eye contact Causes serious eye damage.

Ingestion May be harmful if swallowed.

Symptoms Not available.

11.1. Information on toxicological effects

Acute toxicity Harmful in contact with skin.

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)

Acute**Dermal**

LD50 Rabbit 1700 mg/kg

Inhalation

LC50 Rat > 1.6 mg/l

Oral

LD50 Rat 1114 mg/kg

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization

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

Skin sensitization Based on available data, the classification criteria are not met. May cause an allergic skin reaction.

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

| | |
|---|--|
| Carcinogenicity | Based on available data, the classification criteria are not met. |
| Reproductive toxicity | May damage fertility. May damage the unborn child. |
| Specific target organ toxicity - single exposure | May cause irritation to the respiratory system. |
| Specific target organ toxicity - repeated exposure | Not available. |
| Aspiration hazard | Based on available data, the classification criteria are not met. |
| Mixture versus substance information | Not available. |
| Other information | Complete toxicity data are not available for this specific formulation |

Section 12. Ecotoxicological information

12.1. Toxicity

Aquatic toxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

| Components | Species | Test Results |
|---|---------|---|
| Dodecyl acrylate (CAS 2156-97-0) | | |
| <i>Acute</i> | | |
| | ErC50 | Pseudokirchneriella subcapitata > 0.274 µg/l, 72 h (OECD 201) |
| | LC50 | Leuciscus idus 460 mg/l, 96 h (DIN 38 412, part L 15, 1982) |
| | NOEC | Leuciscus idus 215 mg/l, 96 h (DIN 38 412, part L 15, 1982) |
| <i>Chronic</i> | | |
| | LOEC | Daphnia magna > 0.25 µg/l, 21 d (OECD 211) |
| Aquatic | | |
| <i>Chronic</i> | | |
| Crustacea | NOEC | Daphnia magna 0.25 µg/l, 21 d (OECD 211) |
| Fish | LOEC | Danio rerio > 1 µg/l, 36 d (OECD 210) |
| Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7) | | |
| <i>Acute</i> | | |
| | EC50 | Desmodesmus subspicatus > 260 µg/l, 72 h (OECD 201) |
| | LC50 | Danio rerio > 90 µg/l, 96 h (OECD 203) |
| | NOEC | Desmodesmus subspicatus > 260 µg/l, 72 h (OECD 201) |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 | Daphnia magna > 1175 µg/l, 48 h (OECD 202) |
| <i>Chronic</i> | | |
| Crustacea | NOEC | Daphnia magna >= 8.1 µg/l, 21 d (OECD 211) |

12.2. Persistence and degradability Not available.

12.3. Bioaccumulative potential Not available.

Partition coefficient n-octanol/water (log Kow) Not available.

Bioconcentration factor (BCF)

| | |
|---|-----------------------------|
| Dodecyl acrylate | 2.34, (EPA Epiwin (v.4.11)) |
| Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide | 5, (similar to OECD 305 C) |

12.4. Mobility in soil Not available.

12.5. Results of PBT and vPvB assessment Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects Not available.

Section 13. Disposal

13.1. Waste treatment methods

Residual waste Not available.

Contaminated packaging Not available.

EU waste code Not available.

Disposal methods/information Do not dispose of together with general office waste.
Do not allow this material to drain into sewers/water supplies.
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.
Ensure collection and disposal with an appropriately licensed waste contractor.

Section 14. Transport information

DOT

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

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

IATA

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

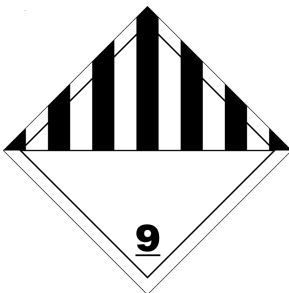
IMDG

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

ADR

UN number UN3082
UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative)
Transport hazard class(es)
Class 9
Subsidiary risk -
Hazard No. (ADR) Not available.
Tunnel restriction code Not available.
Packing group III
Environmental hazards Yes
Special precautions for user Not available.

ADR; DOT; IATA; IMDG





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.

Other information

This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.

Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).

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.

15.2. Chemical safety assessment

See attached SUMI or GEIS document, if 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.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H360FD May damage fertility. May damage the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.

Revision information**Training information****Disclaimer**

H410 Very toxic to aquatic life with long lasting effects.

1. Product and Company Identification: EU Poison Center

Follow training instructions when handling this material.

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Explanation of abbreviations

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