1 Identification

- Product identifier
  - Trade name: Dynapoxy Healer Sealer - Part B
- Article number: 142989B
- Application of the substance / the mixture
- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:
    Pecora Corporation
    165 Wambold Road
    Harleysville, PA 19438
    Tel.: (215)723-6051

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

- Information department: Environmental, Health, and Safety department.

2 Hazard(s) identification

- Classification of the substance or mixture
  - Flam. Liq. 3 H226 Flammable liquid and vapor.
  - Acute Tox. 4 H302 Harmful if swallowed.
  - Skin Corr. IC H314 Causes severe skin burns and eye damage.
  - Eye Dam. 1 H318 Causes serious eye damage.
  - Skin Sens. 1 H317 May cause an allergic skin reaction.
  - Muta. 1B H340 May cause genetic defects.
  - Carc. 1B H350 May cause cancer.
  - Repr. 2 H361 Suspected of damaging fertility or the unborn child.
  - Aquatic Acute 1 H400 Very toxic to aquatic life.
  - Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

- Label elements
  - GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
  - Hazard pictograms

GHS02  GHS05  GHS07  GHS08  GHS09

- Signal word Danger

- Hazard-determining components of labeling:
  - 4-nonylphenol, branched
  - Solvent naphtha (petroleum), light arom.
  - 3,6-diazaoctanethylenediamin
  - 2,4,6-tris(dimethylaminomethyl)phenol
  - cyclohex-1,2-ylenediamine

- Hazard statements
  - Flammable liquid and vapor.

(Contd. on page 2)
Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
May cause genetic defects.
May cause cancer.
Suspected of damaging fertility or the unborn child.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary statements
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center/doctor.
Specific treatment (see on this label).
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

- NFPA ratings (scale 0 - 4)
  Health = 3
  Fire = 2
  Reactivity = 0

- HMIS-ratings (scale 0 - 4)
  Health = *3
  Fire = 2
  Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>84852-15-3</td>
<td>4-nonylphenol, branched</td>
<td>≥25-&lt;50%</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-trimethylbenzene</td>
<td>≥10-&lt;11%</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Solvent naphtha (petroleum), light arom.</td>
<td>≥0.1-&lt;9.5%</td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>&lt;4.5%</td>
</tr>
<tr>
<td>112-24-3</td>
<td>3,6-diazaoctanethylenediamin</td>
<td>≥2.5-&lt;4.25%</td>
</tr>
<tr>
<td>108-67-8</td>
<td>mesitylene</td>
<td>≥2.5-&lt;2.75%</td>
</tr>
<tr>
<td>25340-17-4</td>
<td>diethylbenzene</td>
<td>&lt;1.3%</td>
</tr>
<tr>
<td>694-83-7</td>
<td>cyclohex-1,2-ylenediamine</td>
<td>≥0.1-&lt;0.8%</td>
</tr>
<tr>
<td>98-82-8</td>
<td>cumene</td>
<td>≥0.25-&lt;0.5%</td>
</tr>
</tbody>
</table>
Trade name: Dynapoxy Healer Sealer - Part B

- Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- Description of first aid measures
- General information:
  Immediately remove any clothing soiled by the product. In the event of persistent symptoms receive medical treatment. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation:
  Supply fresh air and to be sure call for a doctor.
  In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:
  Immediately wash with water and soap and rinse thoroughly.
  If skin irritation continues, consult a doctor.
- After eye contact:
  Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing:
  Immediately call a doctor.
  Drink copious amounts of water and provide fresh air. Immediately call a doctor.
  Seek medical treatment.
- Information for doctor:
  Most important symptoms and effects, both acute and delayed No further relevant information available.
  Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:
  CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- Protective equipment:
  Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
- Environmental precautions:
  Do not allow product to reach sewage system or any water course.
  Inform respective authorities in case of seepage into water course or sewage system.
- Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Use neutralizing agent.
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
Trade name: Dynapoxy Healer Sealer - Part B

7 Handling and storage

· Handling:
· Precautions for safe handling
  Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.
· Information about protection against explosions and fires: Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities
· Storage:
· Requirements to be met by storerooms and receptacles: No special requirements.
· Information about storage in one common storage facility: Not required.
· Further information about storage conditions: Keep receptacle tightly sealed.
· Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.
· Control parameters
· Components with limit values that require monitoring at the workplace:
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

<table>
<thead>
<tr>
<th>Substance</th>
<th>REL Long-term value: 125 mg/m³, 25 ppm</th>
<th>TLV Long-term value: 123 mg/m³, 25 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>95-63-6 1,2,4-trimethylbenzene</td>
<td>Long-term value: 125 mg/m³, 25 ppm</td>
<td>Long-term value: 123 mg/m³, 25 ppm</td>
</tr>
<tr>
<td>112-24-3 3,6-diazaocetanethylenediamin</td>
<td>WEEL Long-term value: 6 mg/m³, 1 ppm</td>
<td>Skin</td>
</tr>
<tr>
<td>98-82-8 mesitylene</td>
<td>REL Long-term value: 125 mg/m³, 25 ppm</td>
<td>TLV Long-term value: 123 mg/m³, 25 ppm</td>
</tr>
<tr>
<td>25340-17-4 diethylbenzene</td>
<td>WEEL Long-term value: 5 ppm</td>
<td></td>
</tr>
<tr>
<td>98-82-8 cumene</td>
<td>PEL Long-term value: 245 mg/m³, 50 ppm</td>
<td>Skin</td>
</tr>
<tr>
<td></td>
<td>REL Long-term value: 245 mg/m³, 50 ppm</td>
<td>Skin</td>
</tr>
<tr>
<td></td>
<td>TLV Long-term value: (246) NIC-0.5 mg/m³, (50) NIC-0.1 ppm</td>
<td>NIC-A3</td>
</tr>
</tbody>
</table>
**Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Store protective clothing separately.
  - Avoid contact with the eyes and skin.
- **Breathing equipment:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**

![Protective gloves](image)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Eye protection:** Wear appropriate eye protection to prevent eye contact.

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  - **General Information**
  - **Appearance**
    - **Form:** Liquid
    - **Color:** According to product specification
    - **Odor:** Characteristic
    - **Odor threshold:** Not determined.
  - **pH-value:** Not determined.

- **Change in condition**
  - **Melting point/Melting range:** Undetermined.
  - **Boiling point/Boiling range:** 153 °C (307.4 °F)

- **Flash point:** 60 °C (140 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 450 °C (842 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**
  - **Lower:** 1.1 Vol %
  - **Upper:** 7 Vol %
Trade name: Dynapoxy Healer Sealer - Part B

- **Vapor pressure at 20 °C (68 °F):** 5 hPa (3.8 mm Hg)
- **Density:** Not determined.
- **Relative density** Not determined.
- **Vapor density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic: Not determined.
  - Kinematic: Not determined.
- **Solvent content:**
  - Organic solvents: 23.8 %
  - Water: 0.0 %
- **Solids content:** 75.0 %
- **Other information** No further relevant information available.
- **Volatile Organic Compounds:** Contains less than 250 g/L.

10 Stability and reactivity

- **Reactivity** No decomposition if stored and applied as directed.
- **Chemical stability** No decomposition if stored and applied as directed.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Keep away from heat and sources of ignition.
- **Incompatible materials** No further relevant information available.
- **Hazardous decomposition products** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**:
  - **LD/LC50 values that are relevant for classification**:
    - 95-63-6 1,2,4-trimethylbenzene
      - **Oral LD50**: 5,000 mg/kg (rat)
    - 64742-95-6 Solvent naphtha (petroleum), light arom.
      - **Oral LD50**: >6,800 mg/kg (rat)
      - **Dermal LD50**: >3,400 mg/kg (rab)
      - **Inhalative LC50/4 h**: >10.2 mg/l (rat)
- **Primary irritant effect**:
  - **on the skin**: May cause skin irritation.
  - **on the eye**: Strong caustic effect.
Trade name: Dynapoxy Healer Sealer - Part B

· Sensitization: Sensitization possible through skin contact.

· Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Corrosive
Irritant
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
Carcinogenic.
The product can cause inheritable damage.

· Carcinogenic categories

<table>
<thead>
<tr>
<th>IARC (International Agency for Research on Cancer)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1330-20-7 xylene</td>
<td>3</td>
</tr>
<tr>
<td>98-82-8 cumene</td>
<td>2B</td>
</tr>
<tr>
<td>100-41-4 ethylbenzene</td>
<td>2B</td>
</tr>
<tr>
<td>105-60-2 1,6-hexanolactam</td>
<td>3</td>
</tr>
<tr>
<td>71-43-2 benzene</td>
<td>1</td>
</tr>
<tr>
<td>108-88-3 toluene</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NTP (National Toxicology Program)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>98-82-8 cumene</td>
<td>R</td>
</tr>
<tr>
<td>71-43-2 benzene</td>
<td>K</td>
</tr>
</tbody>
</table>

· OSHA-Ca (Occupational Safety & Health Administration)

| 71-43-2 benzene |

12 Ecological information

· Toxicity
· Aquatic toxicity: No further relevant information available.
· Persistence and degradability: No further relevant information available.
· Behavior in environmental systems:
· Bioaccumulative potential: No further relevant information available.
· Mobility in soil: No further relevant information available.
· Ecotoxicological effects:
· Remark: Very toxic for fish
· Additional ecological information:
· General notes:
Water hazard class 1 (Self-assessment): slightly hazardous for water
Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.
· Other adverse effects: No further relevant information available.
13 Disposal considerations

· Waste treatment methods
  · Recommendation:
  It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

· Uncleaned packagings:
  · Recommendation: Disposal must be made according to Federal, State, and Local regulations.

14 Transport information

· UN-Number
  · DOT, ADR, IMDG, IATA
  · UN2924

· UN proper shipping name
  · DOT
    Flammable liquids, corrosive, n.o.s. (4-nonylphenol, branched, Aromatic Solvent)
  · ADR
    2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (4-nonylphenol, branched, Aromatic Solvent), ENVIRONMENTALLY HAZARDOUS
  · IMDG
    FLAMMABLE LIQUID, CORROSIVE, N.O.S. (4-nonylphenol, branched, Aromatic Solvent), MARINE POLLUTANT
  · IATA
    FLAMMABLE LIQUID, CORROSIVE, N.O.S. (4-nonylphenol, branched, Aromatic Solvent)

· Transport hazard class(es)
  · DOT
    - Class
      3 Flammable liquids
    - Label
      3, 8

  · ADR
    - Class
      3 Flammable liquids
    - Label
      3+8
### IMDG

<table>
<thead>
<tr>
<th>Class</th>
<th>3 Flammable liquids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label</td>
<td>3/8</td>
</tr>
</tbody>
</table>

### IATA

<table>
<thead>
<tr>
<th>Class</th>
<th>3 Flammable liquids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label</td>
<td>3 (8)</td>
</tr>
</tbody>
</table>

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

- **Packing group**: III
- **DOT, ADR, IMDG, IATA**: 

### Environmental hazards:

Product contains environmentally hazardous substances: 4-nonylphenol, branched

### Marine pollutant:

- Yes
- Symbol (fish and tree)
- Symbol (fish and tree)

### Special precautions for user

- Warning: Flammable liquids
- Danger code (Kemler): 86
- EMS Number: F-E,S-C

### Transport/Additional information:

- **DOT**: Add "Marine Pollutant" to end of proper shipping name if shipping in a bulk container (>119 gallons).
- **Remarks**: Add "Marine Pollutant" to end of proper shipping name if shipping in a bulk container (>119 gallons).

#### ADR

- **Excepted quantities (EQ)**: Code: E1
  - Maximum net quantity per inner packaging: 30 ml
  - Maximum net quantity per outer packaging: 1000 ml
  - Same as listed for Standard Shipments above.

#### U.S. Domestic Ground Shipments:

- **U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments**: Same as listed for Standard Shipments above.

#### Emergency Response Guide (ERG) Number:

- Not determine

#### IMDG

- **Limited quantities (LQ)**: 5L
Trade name: Dynapoxy Healer Sealer - Part B

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara
    - Section 355 (extremely hazardous substances):
      - 7664-41-7 ammonia, anhydrous
    - Section 313 (Specific toxic chemical listings):
      This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Chemical</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>84852-15-3</td>
<td>4-nonylphenol, branched</td>
<td>225-&lt;50%</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-trimethylbenzene</td>
<td>≥10-&lt;11%</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>xylene</td>
<td>&lt;0.6%</td>
</tr>
<tr>
<td>98-82-8</td>
<td>cumene</td>
<td>≥0.25-&lt;0.5%</td>
</tr>
<tr>
<td>100-41-4</td>
<td>ethylbenzene</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>7664-41-7</td>
<td>ammonia, anhydrous</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>71-43-2</td>
<td>benzene</td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>108-88-3</td>
<td>toluene</td>
<td>&lt;0.1%</td>
</tr>
</tbody>
</table>

- TSCA (Toxic Substances Control Act):

<table>
<thead>
<tr>
<th>Code</th>
<th>Chemical</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>84852-15-3</td>
<td>4-nonylphenol, branched</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>9046-10-0</td>
<td>Polyoxypolypropylenediamine</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-trimethylbenzene</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Solvent naphtha (petroleum),</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>112-24-3</td>
<td>3,6-diazaoctanethylenediamin</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>108-67-8</td>
<td>mesitylene</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>143-23-7</td>
<td>1,6-Hexanediamine, N-(6-aminohexyl)-</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>25340-17-4</td>
<td>diethylbenzene</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>694-83-7</td>
<td>cyclohex-1,2-xlyenediamine</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>124-09-4</td>
<td>hexamethylenediamine</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>xylene</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>98-82-8</td>
<td>cumene</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>100-41-4</td>
<td>ethylbenzene</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>13520-10-2</td>
<td>2-methylpentane-1,5-diamine</td>
<td>ACTIVE</td>
</tr>
<tr>
<td>7664-41-7</td>
<td>ammonia, anhydrous</td>
<td>ACTIVE</td>
</tr>
</tbody>
</table>
### Hazardous Air Pollutants

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
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<td>cumene</td>
<td>98-82-8</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
</tr>
<tr>
<td>benzene</td>
<td>71-43-2</td>
</tr>
<tr>
<td>toluene</td>
<td>108-88-3</td>
</tr>
</tbody>
</table>

### Proposition 65

- **Chemicals known to the State of California (Prop. 65) to cause cancer:**
  - 64742-95-6 Solvent naphtha (petroleum), light arom.
  - 98-82-8 cumene
  - 100-41-4 ethylbenzene
  - 71-43-2 benzene

- **Chemicals known to cause reproductive toxicity for females:**
  - None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**
  - 71-43-2 benzene

- **Chemicals known to cause developmental toxicity:**
  - 71-43-2 benzene
  - 108-88-3 toluene

### Cancerogenity categories

- **EPA (Environmental Protection Agency)**
  - 95-63-6 1,2,4-trimethylbenzene: II
  - 108-67-8 mesitylene: II
  - 1330-20-7 xylene: I
  - 98-82-8 cumene: D, CBD
  - 100-41-4 ethylbenzene: D
  - 71-43-2 benzene: A, K/L
  - 108-88-3 toluene: II

- **TLV (Threshold Limit Value established by ACGIH)**
  - 1330-20-7 xylene: A4
  - 100-41-4 ethylbenzene: A3
  - 105-60-2 1,6-hexanolactam: A5
  - 71-43-2 benzene: A1
  - 108-88-3 toluene: A4
Hazard pictograms

- **MAK (German Maximum Workplace Concentration)**
  - ethylbenzene
  - benzene

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
  - benzene

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms**
    - GHS02
    - GHS05
    - GHS07
    - GHS08
    - GHS09

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  - 4-nonylphenol, branched
  - Solvent naphtha (petroleum), light arom.
  - 3,6-diazaoctanethylenediamin
  - 2,4,6-tris(dimethylaminomethyl)phenol
  - cyclohex-1,2-ylene diamine

- **Hazard statements**
  - Flammable liquid and vapor.
  - Harmful if swallowed.
  - Causes severe skin burns and eye damage.
  - May cause an allergic skin reaction.
  - May cause genetic defects.
  - May cause cancer.
  - Suspected of damaging fertility or the unborn child.
  - Very toxic to aquatic life.
  - Very toxic to aquatic life with long lasting effects.

- **Precautionary statements**
  - **If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - Immediately call a poison center/doctor.
  - Specific treatment (see on this label).
  - Store locked up.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.

- **National regulations:**

- **Information about limitation of use:**
  - Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

- **Water hazard class:** Water hazard class 3 (Self-assessment): extremely hazardous for water.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Environmental, Health & Safety Department
- **Contact:** Environmental, Health & Safety Manager
- **Date of preparation / last revision:** 05/28/2020 / 54
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety
  - OSHA: Occupational Safety & Health
  - TLV: Threshold Limit Value
  - PEL: Permissible Exposure Limit
  - REL: Recommended Exposure Limit
  - Flam. Liq. 3: Flammable liquids – Category 3
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Corr. 1C: Skin corrosion/irritation – Category 1C
  - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  - Skin Sens. 1: Skin sensitisation – Category 1
  - Muta. 1B: Germ cell mutagenicity – Category 1B
  - Carc. 1B: Carcinogenicity – Category 1B
  - Repr. 2: Reproductive toxicity – Category 2
  - Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
  - Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1