## SECTION 1: Identification

### 1.1. Identification

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>Nesslers Reagent</td>
</tr>
<tr>
<td>Product code</td>
<td>LC17600</td>
</tr>
</tbody>
</table>

### 1.2. Recommended use and restrictions on use

<table>
<thead>
<tr>
<th>Use of the substance/mixture</th>
<th>For laboratory and manufacturing use only.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended use</td>
<td>Laboratory chemicals</td>
</tr>
<tr>
<td>Restrictions on use</td>
<td>Not for food, drug or household use</td>
</tr>
</tbody>
</table>

### 1.3. Supplier

LabChem, Inc.
Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court
Zelienople, PA 16063 - USA
T 412-826-5230 - F 724-473-0647

### 1.4. Emergency telephone number

| Emergency number | CHEMTREC: 1-800-424-9300 or +1-703-741-5970 |

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS-US classification**

- Acute toxicity (oral) Category 3: H301 - Toxic if swallowed
- Acute toxicity (dermal) Category 3: H311 - Toxic in contact with skin
- Acute toxicity (inhalation:dust,mist) Category 4: H332 - Harmful if inhaled
- Skin corrosion/irritation Category 1B: H314 - Causes severe skin burns and eye damage
- Specific target organ toxicity (single exposure) Category 2: H371 - May cause damage to organs (central nervous system, kidneys)
- Hazardous to the aquatic environment - Acute Hazard Category 2: H401 - Toxic to aquatic life
- Hazardous to the aquatic environment - Chronic Hazard Category 2: H411 - Toxic to aquatic life with long lasting effects

*Full text of H statements: see section 16*

### 2.2. GHS Label elements, including precautionary statements

**GHS US labeling**

<table>
<thead>
<tr>
<th>Hazard pictograms (GHS US)</th>
<th>![Hazard Pictograms]</th>
</tr>
</thead>
</table>

**Signal word (GHS US)**

| H301+H311 - Toxic if swallowed or in contact with skin |
| H314 - Causes severe skin burns and eye damage |
| H332 - Harmful if inhaled |
| H371 - May cause damage to organs (central nervous system, kidneys) |
| H401 - Toxic to aquatic life |
| H411 - Toxic to aquatic life with long lasting effects |

**Hazard statements (GHS US)**

- P260 - Do not breathe mist, vapors, spray.
- P264 - Wash exposed skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves, protective clothing, eye protection, face protection.
- P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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.
- P363 - Wash contaminated clothing before reuse.
- P391 - Collect spillage.
- P405 - Store locked up.
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P501 - Dispose of contents/container to comply with local, state and federal regulations
If inhaled: Remove person to fresh air and keep comfortable for breathing

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification
: None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS-No.) 7732-18-5</td>
<td>67</td>
<td>Not classified</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>(CAS-No.) 1310-73-2</td>
<td>16</td>
<td>Skin Corr. 1A, Eye Dam. 1, Acute Acute 3, H402</td>
</tr>
<tr>
<td>Mercuric Iodide</td>
<td>(CAS-No.) 7774-29-0</td>
<td>10</td>
<td>Acute Tox. 2 (Oral), Acute Tox. 1 (Dermal), Acute Tox. 2 (Inhalation: dust, mist), Aquatic Acute 3, H402</td>
</tr>
<tr>
<td>Potassium Iodide</td>
<td>(CAS-No.) 7681-11-0</td>
<td>7</td>
<td>Aquatic Acute 2, H401</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general
: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation
: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

First-aid measures after skin contact
: Immediately call a poison center or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower.

First-aid measures after eye contact
: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

First-aid measures after ingestion
: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms
: Based on available data, the classification criteria are not met. Harmful if inhaled. Toxic if swallowed. Toxic in contact with skin.

Symptoms/effects
: Causes severe skin burns and eye damage. May cause damage to organs (nervous system, kidneys).

Symptoms/effects after inhalation
: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.

Symptoms/effects after skin contact
: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.

Symptoms/effects after eye contact
: Causes serious eye damage.

Symptoms/effects after ingestion
: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

Chronic symptoms
: Impairment of the nervous system.

4.3. Immediate medical attention and special treatment, if necessary

Obtain medical assistance.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
: Do not use a heavy water stream.
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5.2. Specific hazards arising from the chemical
No additional information available

5.3. Special protective equipment and precautions for fire-fighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection. Avoid breathing mist, spray.
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Do not breathe mist, vapors, spray.
Hygiene measures: Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Storage conditions: Keep only in the original container in a cool, well ventilated place away from incompatible materials. Keep container closed when not in use.
Incompatible materials: Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters

<table>
<thead>
<tr>
<th>Chemical</th>
<th>ACGIH TWA (ppm)</th>
<th>ACGIH Ceiling (mg/m³)</th>
<th>NIOSH REL (ceiling) (mg/m³)</th>
<th>NIOSH REL (TWA) (mg/m³)</th>
<th>NIOSH US-NIOSH chemical category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Iodide (7681-11-0)</td>
<td>0.01 ppm Inhalable fraction</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
<td>0.025 mg/m³ as Hg, Skin</td>
<td>0.05 mg/m³ Vapor, as Hg</td>
</tr>
<tr>
<td>Sodium Hydroxide (1310-73-2)</td>
<td>2 mg/m³</td>
<td></td>
<td></td>
<td>0.1 mg/m³ as Hg</td>
<td>Potential for dermal absorption</td>
</tr>
<tr>
<td>Mercuric Iodide (7774-29-0)</td>
<td></td>
<td>0.05 mg/m³ Vapor, as Hg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water (7732-18-5)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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8.2. Appropriate engineering controls

| Appropriate engineering controls | Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. |

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Hand protection:
Wear protective gloves.

Eye protection:
Chemical goggles or face shield

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):

Other information:
Do not eat, drink or smoke during use. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colourless to light yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>None.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non flammable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>
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9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Thermal decomposition generates: Corrosive vapors.

10.2. Chemical stability
Discolours on exposure to light.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products
mercury. Iodine vapor.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| Acute toxicity (oral) | Toxic if swallowed. |
| Acute toxicity (dermal) | Toxic in contact with skin. |
| Acute toxicity (inhalation) | Harmful if inhaled. |

### Nesslers Reagent

| LD50 oral rat | 180         |
| LD50 dermal rat | 672    |
| LC50 inhalation rat (mg/l) | 5         |
| ATE US (oral) | 180 mg/kg body weight |
| ATE US (dermal) | 672 mg/kg body weight |
| ATE US (vapors) | 5 mg/l/4h |
| ATE US (dust, mist) | 5 mg/l/4h |

### Mercuric Iodide (7774-29-0)

| LD50 oral rat | 18 mg/kg |
| LD50 dermal rat | 75 mg/kg |
| ATE US (oral) | 18 mg/kg body weight |
| ATE US (dermal) | 5 mg/kg body weight |
| ATE US (dust, mist) | 0.05 mg/l/4h |

### Water (7732-18-5)

| LD50 oral rat | ≥ 90000 mg/kg |
| ATE US (oral) | 90000 mg/kg body weight |

Skin corrosion/irritation: Causes severe skin burns and eye damage.
Serious eye damage/irritation: Eye damage, category 1, implicit
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified

Reproductive toxicity: Not classified
Specific target organ toxicity – single exposure: May cause damage to organs (central nervous system, kidneys).

### Mercuric Iodide (7774-29-0)

Specific target organ toxicity – repeated exposure: Not classified

Specific target organ toxicity – single exposure: May cause damage to organs (nervous system, kidneys).

02/27/2019 EN (English US)
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Aspiration hazard: Not classified
Viscosity, kinematic: No data available
Likely routes of exposure: Skin and eye contact.
Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met. Harmful if inhaled. Toxic if swallowed. Toxic in contact with skin.
Symptoms/effects: Causes severe skin burns and eye damage. May cause damage to organs (nervous system, kidneys).
Symptoms/effects after inhalation: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.
Symptoms/effects after skin contact: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.
Symptoms/effects after eye contact: Causes serious eye damage.
Symptoms/effects after ingestion: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
Chronic symptoms: Impairment of the nervous system.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - water: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Potassium Iodide (7681-11-0)
LC50 fish 1 3200 mg/l 120 h
EC50 Daphnia 1 2.7 mg/l 24 h

Sodium Hydroxide (1310-73-2)
LC50 fish 1 45.4 mg/l (Other, 96 h, Salmo gairdneri, Static system, Fresh water, Experimental value)
EC50 Daphnia 1 40.4 mg/l (Other, 48 h, Ceriodaphnia sp., Experimental value)

12.2. Persistence and degradability
Nesslers Reagent
Persistence and degradability: May cause long-term adverse effects in the environment.

Potassium Iodide (7681-11-0)
Persistence and degradability: Not established.

Sodium Hydroxide (1310-73-2)
Persistence and degradability: Biodegradability: not applicable.
Biochemical oxygen demand (BOD): Not applicable (inorganic)
Chemical oxygen demand (COD): Not applicable (inorganic)
ThOD: Not applicable (inorganic)

Water (7732-18-5)
Persistence and degradability: Not established.

12.3. Bioaccumulative potential
Nesslers Reagent
Bioaccumulative potential: Not established.

Potassium Iodide (7681-11-0)
Bioaccumulative potential: Not established.

Sodium Hydroxide (1310-73-2)
Bioaccumulative potential: Not bioaccumulative.

Water (7732-18-5)
Bioaccumulative potential: Not established.

12.4. Mobility in soil
Sodium Hydroxide (1310-73-2)
Ecology - soil: No (test)data on mobility of the substance available.
**12.5. Other adverse effects**

Other information: Avoid release to the environment.

**SECTION 13: Disposal considerations**

**13.1. Disposal methods**

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local, state and federal regulations.

Ecology - waste materials: Avoid release to the environment. Hazardous waste due to toxicity.

**SECTION 14: Transport information**

**Department of Transportation (DOT)**

In accordance with DOT

Transport document description: UN2922 Corrosive liquids, toxic, n.o.s. (Sodium hydroxide, mercuric iodide), 8, II

UN-No.(DOT): UN2922

Proper Shipping Name (DOT): Corrosive liquids, toxic, n.o.s.

Transport hazard class(es) (DOT): 8 - Class 8 - Corrosive material 49 CFR 173.136

Packing group (DOT): II - Medium Danger

Hazard labels (DOT): 8 - Corrosive 6.1 - Poison

Dangerous for the environment: Yes

Marine pollutant: Yes

**DOT Packaging Non Bulk (49 CFR 173.xxx)**: 202

**DOT Packaging Bulk (49 CFR 173.xxx)**: 243

**DOT Symbols**: G - Identifies PSN requiring a technical name

**DOT Special Provisions (49 CFR 172.102)**: B3 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks and DOT 57 portable tanks are not authorized. IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T7 - 4 178.274(d)(2) Normal............. 178.275(d)(3) TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.

**DOT Packaging Exceptions (49 CFR 173.xxx)**: 154

**DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)**: 1 L

**DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)**: 30 L
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DOT Vessel Stowage Location
B
- (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

DOT Vessel Stowage Other
40 - Stow “clear of living quarters”

Other information
No supplementary information available.

SECTION 15: Regulatory information

15.1. US Federal regulations

<table>
<thead>
<tr>
<th>Nessler Reagent</th>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Immediate (acute) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Immediate (acute) health hazard</td>
<td>Delayed (chronic) health hazard</td>
</tr>
</tbody>
</table>

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

<table>
<thead>
<tr>
<th>Potassium Iodide (7681-11-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td>RQ (Reportable quantity, section 304 of EPA's List of Lists)</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium Hydroxide (1310-73-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RQ (Reportable quantity, section 304 of EPA's List of Lists)</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
</tbody>
</table>

15.2. International regulations

CANADA

<table>
<thead>
<tr>
<th>Potassium Iodide (7681-11-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium Hydroxide (1310-73-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mercuric Iodide (7774-29-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water (7732-18-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

EU-Regulations
No additional information available

National regulations
No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date
01/10/2018

Other information
None.
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Full text of H-phrases: see section 16:

<table>
<thead>
<tr>
<th>H</th>
<th>Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>H300</td>
<td>Fatal if swallowed</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H310</td>
<td>Fatal in contact with skin</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H330</td>
<td>Fatal if inhaled</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H371</td>
<td>May cause damage to organs</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

NFPA health hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.

Hazard Rating
Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
* - Chronic (long-term) health effects may result from repeated overexposure

Flammability : 0 Minimal Hazard - Materials that will not burn

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : D
D - Face shield and eye protection, Gloves, Synthetic apron

SDS US (GHS HazCom 2012)

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