# SAFETY DATA SHEET

OSBORNE BLUE LAYOUT FLUID 76214

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
<td>Mixture</td>
</tr>
<tr>
<td>CAS No.</td>
<td>Mixture</td>
</tr>
<tr>
<td>Trade Name</td>
<td>OSBORNE BLUE LAYOUT FLUID 76214</td>
</tr>
<tr>
<td>Product Code</td>
<td>M-5715</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Identified Use(s)</th>
<th>Metalworking product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses Advised Against</td>
<td>None</td>
</tr>
</tbody>
</table>

### Company Identification

- **Osborn**
- 2350 Salisbury Road North
- Richmond, IN  47374  USA

### Emergency telephone number

- **Transportation Emergency:** CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

<table>
<thead>
<tr>
<th>Telephone</th>
<th>(765) 965-5333</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fax</td>
<td>(765) 935-0212</td>
</tr>
<tr>
<td>E-Mail (competent person)</td>
<td><a href="mailto:marketsupport@osborn.com">marketsupport@osborn.com</a></td>
</tr>
</tbody>
</table>

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the substance or mixture

- **OSHA HCS (29 CFR 1910.1200)**
- Flam. Aerosol 1; Liquefied gas; Eye Irrit. 2; Repr. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1

### Label elements

#### Hazard Symbol

- **DANGER**

<table>
<thead>
<tr>
<th>Hazard Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable</td>
</tr>
<tr>
<td>Eye Irritation</td>
</tr>
<tr>
<td>Repeated Exposures</td>
</tr>
<tr>
<td>Skin Irritation</td>
</tr>
<tr>
<td>Inhalation</td>
</tr>
<tr>
<td>Neurological</td>
</tr>
</tbody>
</table>

### Signal word(s)

- **DANGER**

### Hazard Statement(s)

- Extremely flammable aerosol.
- Contains gas under pressure; may explode if heated.
- Causes serious eye irritation.
- Suspected of damaging fertility or the unborn child.
- May cause drowsiness or dizziness.
- May be fatal if swallowed and enters airways.
- May cause damage to organs through prolonged or repeated exposure (Inhalation - neuropsychological effects, auditory dysfunction and effects on colour vision)

### Precautionary Statement(s)

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- No smoking.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Wear protective gloves/protective clothing/eye protection/face protection.
**OSBORN BLUE LAYOUT FLUID 76214**

Use only outdoors or in a well-ventilated area.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands and exposed skin after use.
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

**Other hazards**
None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% wt. *</th>
<th>CAS No.</th>
<th>Hazard classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>40 - 50</td>
<td>67-64-1</td>
<td>Flam. Liq. 2; H225, Eye Irrit. 2; H319, STOT SE 3; H336</td>
</tr>
<tr>
<td>Propane</td>
<td>10 - 15</td>
<td>74-98-6</td>
<td>Flam. Gas 1; H220, Liquefied gas; H280</td>
</tr>
<tr>
<td>Butane</td>
<td>10 - 15</td>
<td>106-97-8</td>
<td>Flam. Gas 1; H220, Liquefied gas; H280</td>
</tr>
<tr>
<td>Acrylic polymers</td>
<td>5 - 10</td>
<td>Proprietary</td>
<td>Not classified as dangerous for supply/use.</td>
</tr>
<tr>
<td>Ethyl Acetate</td>
<td>5 - 10</td>
<td>141-78-6</td>
<td>Flam. Liq. 2; H225, STOT SE 3; H336</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>5 - 10</td>
<td>123-86-4</td>
<td>Flam. Liq. 3; H226, STOT SE 3; H336</td>
</tr>
<tr>
<td>Toluene</td>
<td>1 - 5</td>
<td>108-88-3</td>
<td>Flam. Liq. 2; H225, Repr. 2; H361, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Asp. Tox. 1; H304, STOT SE 3; H336, STOT RE 2; H373, Aquatic Acute 2; H401, Aquatic Chronic 3; H412</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>1 - 5</td>
<td>78-93-3</td>
<td>Flam. Liq. 2; H225, Eye Irrit. 2; H319, STOT SE 3; H336</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>&lt; 1</td>
<td>100-41-4</td>
<td>Flam. Liq. 2; H225, Acute Tox. 4; H332, Asp. Tox. 1; H304, STOT RE 2; H373, Aquatic Acute 2; H401, Aquatic Chronic 3; H412</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>&lt; 1</td>
<td>67-63-0</td>
<td>Flam. Liq. 2; H225, Eye Irrit. 2; H319, STOT SE 3; H336</td>
</tr>
<tr>
<td>Xylene</td>
<td>&lt; 1</td>
<td>1330-20-7</td>
<td>Flam. Liq. 3; H226, Skin Irrit. 2; H315, Eye Irrit. 2B; H319, Asp. Tox. 1; H304, STOT SE 3; H336, Aquatic Acute 2; H401</td>
</tr>
</tbody>
</table>

**Additional Information** - None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.
SECTION 4: FIRST AID MEASURES

**Description of first aid measures**

**Inhalation**
Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

**Skin Contact**
Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

**Eye Contact**
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.

**Ingestion**
Do not give anything by mouth to an unconscious person. Seek medical treatment. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**
Aspiration of droplets may cause pulmonary oedema. May cause drowsiness and dizziness.

**Indication of any immediate medical attention and special treatment needed**
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media**
- Suitable Extinguishing Media
  - Extinguish with carbon dioxide, dry chemical, foam or water spray.
- Unsuitable Extinguishing Media
  - Do not use water jet.

**Special hazards arising from the substance or mixture**
Pressurised container: May burst if heated

**Advice for fire-fighters**
A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**
Eliminate sources of ignition. Avoid contact with skin and eyes. Avoid breathing vapors.

**Environmental precautions**
Prevent liquid entering sewers, basements and work pits.

**Methods and material for containment and cleaning up**
Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

**Reference to other sections**
None

**Additional Information**
None

SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**
Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing spray.

**Conditions for safe storage, including any incompatibilities**
- Storage temperature
  - Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 °C / 122 °F.
- Incompatible materials
  - This product should be stored away from sources of strong heat or oxidizing chemicals.
### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>(8hr TWA) PEL (OSHA)</th>
<th>(STEL) TLV (ACGIH)</th>
<th>(8hr TWA) PEL (OSHA)</th>
<th>(STEL) TLV (ACGIH)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>1000 ppm</td>
<td>250 ppm</td>
<td>-----</td>
<td>500 ppm</td>
<td>----</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>200 ppm</td>
<td>20 ppm</td>
<td>300 ppm*</td>
<td>-----</td>
<td>*10-min. Ceiling</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Aspyx.#</td>
<td>-----</td>
<td>-----</td>
<td>#</td>
</tr>
<tr>
<td>Ethyl benzenne</td>
<td>100-41-4</td>
<td>100 ppm</td>
<td>20 ppm</td>
<td>-----</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>-----</td>
<td>150 ppm</td>
<td>----</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>78-93-3</td>
<td>200 ppm</td>
<td>200 ppm</td>
<td>----</td>
<td>300 ppm</td>
<td>----</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>150 ppm</td>
<td>150 ppm</td>
<td>-----</td>
<td>200 ppm</td>
<td>-----</td>
</tr>
<tr>
<td>Ethyl Acetate</td>
<td>141-78-6</td>
<td>400 ppm</td>
<td>400 ppm</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>400 ppm</td>
<td>-----</td>
<td>200 ppm</td>
<td>400 ppm</td>
<td>-----</td>
</tr>
</tbody>
</table>

*Assure minimum oxygen content of work atmosphere.

**Recommended monitoring method**

NIOSH 1300 (Ketones I); NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C); NIOSH 1501 (hydrocarbons, aromatic); NIOSH 1401 (alcohols II), NIOSH 1550 (naphthas)

**Exposure controls**

**Appropriate engineering controls**

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Personal protection equipment**

**Eye/face protection**

Wear protective eyewear (goggles, face shield, or safety glasses).

**Skin protection (Hand protection/ Other)**

Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

**Respiratory protection**

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

**Thermal hazards**

Not normally required. Use gloves with insulation for thermal protection, when needed.

**Environmental Exposure Controls**

Prevent liquid entering sewers, basements and work pits.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

- **Appearance**: Aerosol spray
- **Color**: Blue
- **Odor**: Hydrocarbon
OSBORN BLUE LAYOUT FLUID 76214

Odor Threshold (ppm) Not available
pH (Value) Not available
Melting Point (°C) / Freezing Point (°C) Not available
Boiling point/boiling range (°C): Not available
Flash Point (°C) Not available
Evaporation Rate Not available
Flammability (solid, gas) Extremely flammable aerosol.
Explosive Limit Ranges 2.1% - 9.5% v/v (Propane)
Vapor pressure (Pascal) ca. 95 x 10^4 (Propane)
Vapor Density (Air=1) ca. 1.56 @ 0°C (Propane)
Density (g/ml) Not available
Solubility (Water) Not available
Solubility (Other) Not available
Partition Coefficient (n-Octanol/water) Not available
Auto Ignition Point (°C) Not available
Decomposition Temperature (°C) Not available
Kinematic Viscosity <20 mm²/s @ 40°C
Explosive properties Not explosive.
Oxidizing properties Not oxidizing.
Other information Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity Stable under normal conditions.
Chemical stability Stable.
Possibility of hazardous reactions None anticipated.
Conditions to avoid Avoid contact with heat and ignition sources.
Incompatible materials Strong oxidizing agents
Hazardous decomposition product(s) Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acetone (CAS No. 67-64-1)

Acute toxicity
Oral LD₅₀ = 5800 mg/kg (rat)
Dermal LD₅₀ >15800 mg/kg (rabbit)
Inhalation LC₅₀ 76 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.

Irritation / Corrosivity
Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.

Sensitisation
It is not a skin sensitiser.

Repeated dose toxicity
Oral NOAEL = 900 mg/kg/day (rat) (90-days)
Inhalation NOAEL ≥ 18,000 ppm (rat)

Carcinogenicity
It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity Negative
Toxicity for reproduction Negative
Other information None known.

Toluene (CAS No. 108-88-3)

Acute toxicity
Oral LD₅₀ = 5580 mg/kg (rat)
Dermal LD₅₀ >5000 mg/kg (rabbit)
Inhalation LC₅₀ (4 hour(s)) 28.1 mg/l (rat) - Vapours may cause drowsiness and dizziness.
OSBORN BLUE LAYOUT FLUID 76214

**Irritation / Corrosivity**
Causes serious eye irritation. Causes skin irritation.

**Sensitisation**
It is not a skin sensitiser.

**Repeated dose toxicity**
Inhalation NOAEC = 1131 mg/m$^3$ (rat), 2 Year(s) - May cause damage to organs through prolonged or repeated exposure: neuropsychological effects, auditory dysfunction and effects on colour vision.

**Carcinogenicity**
It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

**Mutagenicity**
There is no evidence of mutagenic potential.

**Reproductive toxicity**
Suspected of damaging the unborn child. NOAEC: 2.8 mg/liter (rat)

**Methyl Ethyl Ketone (CAS No. 78-93-3):**

<table>
<thead>
<tr>
<th>Acute toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50 = 3460 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD50 &gt;10 ml/kg (rabbit)</td>
</tr>
<tr>
<td>Inhalation LC50 &gt;5041 ppm (6 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.</td>
</tr>
</tbody>
</table>

**Irritation / Corrosivity**
Causes serious eye irritation. Unlikely to cause skin irritation.

**Sensitisation**
It is not a skin sensitizer.

**Repeated dose toxicity**
Inhalation NOAEL ≥ 5041 ppm (rat)

**Carcinogenicity**
It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

**Mutagenicity**
Negative

**Toxicity for reproduction**
Negative

**Other information**
None known.

**Isopropanol (CAS# 67-63-0):**

<table>
<thead>
<tr>
<th>Acute toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral: LD50 = 5.84 g/kg (rat)</td>
</tr>
<tr>
<td>Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hour(s)</td>
</tr>
<tr>
<td>Inhalation: LC50 &gt; 1000 ppm (rat) 6 hour(s) - Vapours may cause drowsiness and dizziness.</td>
</tr>
</tbody>
</table>

**Irritation / Corrosivity**
Irritating to eyes.

**Sensitisation**
It is not a skin sensitizer.

**Repeated dose toxicity**
NOAEL = 5,000 ppm (Inhalation) - Vapours may cause drowsiness and dizziness.

**Carcinogenicity**
It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

**Mutagenicity**
There is no evidence of mutagenic potential.

**Toxicity for reproduction**
No information available

**Other information**
None known.

**Ethyl benzene (CAS# 100-41-4):**

| A3 - Confirmed Animal Carcinogen with unknown relevance to humans (ACGIH®). IARC Group 2B - Possibly carcinogenic to humans. |
SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

**Toluene (CAS No. 108-88-3)**

**Acute toxicity**
- LC50 (96 hour): 5.5 mg/l (*Oncorhynchus kisutch*)
- EC50 (48 hour): 3.78 mg/l (*Ceriodaphnia dubia*)
- EC50 (3 hour): 134 mg/l (Algae)

**Long Term Toxicity**
- NOEC (40 days): 1.39 mg/l (*Oncorhynchus kisutch*)
- NOEC (7 days): 0.74 mg/l (*Ceriodaphnia dubia*)

**Persistence and degradability**
- Biodegradable

**Bioaccumulative potential**
- The product has no potential for bioaccumulation.

**Mobility in soil**
- Not available.

**Results of PBT and vPvB assessment**
- Not classified as PBT or vPvB.

**Other adverse effects**
- None known.

SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**
- Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>U.S. DOT</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>1950</td>
<td>1950</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>Aerosols, flammable</td>
<td>Aerosols, flammable</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>None assigned</td>
<td>None assigned</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None assigned</td>
<td>None assigned</td>
</tr>
</tbody>
</table>

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

**TSCA (Toxic Substance Control Act)** - Inventory Status: All components listed or polymer exempt.

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>RQ (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>40 – 50</td>
<td>5000</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>1 - 5</td>
<td>1000</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>78-93-3</td>
<td>1 - 5</td>
<td>5000</td>
</tr>
<tr>
<td>n-Butyl Acetate</td>
<td>123-86-4</td>
<td>5 - 10</td>
<td>5000</td>
</tr>
<tr>
<td>Ethyl Acetate</td>
<td>141-78-6</td>
<td>5 - 10</td>
<td>5000</td>
</tr>
</tbody>
</table>

**SARA 311/312 - Hazard Categories:**
- ☑ Fire
- ☑ Sudden Release
- ☑ Reactivity
- ☑ Immediate (acute)
- ☑ Chronic (delayed)

**SARA 313 - Toxic Chemicals (40 CFR 372):**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

**SARA 302 - Extremely Hazardous Substances(40 CFR 355):**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>TPQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>****</td>
<td>****</td>
<td>****</td>
</tr>
</tbody>
</table>
California Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Type of Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>Developmental, Female Reproductive</td>
</tr>
<tr>
<td>Ethyl benzene</td>
<td>100-41-4</td>
<td>Cancer</td>
</tr>
<tr>
<td>Benzene*</td>
<td>71-43-2</td>
<td>Cancer, Female Reproductive</td>
</tr>
<tr>
<td>Cumene*</td>
<td>98-82-8</td>
<td>Cancer</td>
</tr>
</tbody>
</table>

*Trace to none.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.
Date of preparation: May 25, 2015

Hazard Statement(s) and Risk Phrases Listed in: SECTION 3:

Hazard Statement(s)
- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- H226: Flammable liquid and vapour.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H336: May cause drowsiness or dizziness.
- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H401: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.