Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: MYSTOX FWR
Product code: CAT_FWR

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

Use of substance / mixture: PC34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids.

1.3. Details of the supplier of the safety data sheet

Company name: Catomance part of Murphy and Son Ltd
Alpine Street
Nottingham
Nottinghamshire
NG6 0HQ
United Kingdom
Tel: 01462 457186
Email: catomance@murphyandson.co.uk

1.4. Emergency telephone number

Emergency tel: +44 1462 457186
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xi: R36; Xn: R40; N: R51/53
Classification under CLP: Aquatic Chronic 2: H411; Carc. 2: H351; Eye Dam. 1: H318; -: EUH208
Most important adverse effects: Irritating to eyes. Limited evidence of a carcinogenic effect. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label elements under CLP:
Hazard statements: EUH208: Contains 3-iodo-2-propynyl butylcarbamate, propiconazole. May produce an allergic reaction.
H318: Causes serious eye damage.
H351: Suspected of causing cancer.
H411: Toxic to aquatic life with long lasting effects.
Signal words: Danger
Hazard pictograms: GHS05: Corrosion

[cont...]
Precautionary statements: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+313: IF exposed or concerned: Get medical attention.
P310: Immediately call a POISON CENTER or doctor.

Label elements under CHIP:
Hazard symbols: Harmful.
Dangerous for the environment.
Risk phrases: R36: Irritating to eyes.
R40: Limited evidence of a carcinogenic effect.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases: S36/37: Wear suitable protective clothing and gloves.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.
Precautionary phrases: Contains 3-iodo-2-propynyl butylcarbamate, propiconazole. May produce an allergic reaction.

2.3. Other hazards
Other hazards: Danger of serious damage to health by prolonged exposure.
PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>215-175-0</td>
<td>1309-64-4</td>
<td>Xn: R40</td>
<td>Carc. 2: H351</td>
<td>1-10%</td>
</tr>
</tbody>
</table>
## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

- **Skin contact:** There may be mild irritation at the site of contact.
- **Eye contact:** There may be irritation and redness.
- **Ingestion:** There may be irritation of the throat.
- **Inhalation:** No symptoms.

### 4.3. Indication of any immediate medical attention and special treatment needed

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## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.
5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Evacuate the area immediately.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use(s)

Specific end use(s): PC34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ANTIMONY TRIOXIDE

Workplace exposure limits:

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>0.5 mg/m3</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

[cont...]
DNEL/PNEC Values

DNEL / PNEC: No data available.

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids. Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Emulsion

Colour: Cream

Odour: Barely perceptible odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: Viscous

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coef. n-octanol/water: No data available.

Autoflammability°C: Not applicable.

Vapour pressure: No data available.

Relative density: No data available.

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

SAFETY DATA SHEET
Mystox FWR

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

**ANTIMONY TRIOXIDE**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>LD50</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IPR</td>
<td>RAT</td>
<td>3250 mg/kg</td>
<td></td>
</tr>
<tr>
<td>ORL</td>
<td>RAT</td>
<td>&gt;34600 mg/kg</td>
<td></td>
</tr>
<tr>
<td>SCU</td>
<td>RAT</td>
<td>7904 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

**AMMONIA SOLUTION...100%**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>LD50</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IVN</td>
<td>MUS</td>
<td>91 mg/kg</td>
<td></td>
</tr>
<tr>
<td>ORL</td>
<td>RAT</td>
<td>350 mg/kg</td>
<td></td>
</tr>
<tr>
<td>SCU</td>
<td>MUS</td>
<td>160 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Relevant effects for mixture:

<table>
<thead>
<tr>
<th>Effect</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>OPT</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

- **Skin contact**: There may be mild irritation at the site of contact.
- **Eye contact**: There may be irritation and redness.
- **Ingestion**: There may be irritation of the throat.
- **Inhalation**: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

[cont...]
12.5. Results of PBT and vPvB assessment

PBT identification:  This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects:  Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations:  Transfer to a suitable container and arrange for collection by specialised disposal company.

NB:  The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number:  UN3082

14.2. UN proper shipping name

Shipping name:  ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc borate)

14.3. Transport hazard class(es)

Transport class:  9

14.4. Packing group

Packing group:  III

14.5. Environmental hazards

Environmentally hazardous:  Yes  Marine pollutant:  Yes

14.6. Special precautions for user

Tunnel code:  E  Transport category:  3

Section 15: Regulatory information

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

Specific regulations:  Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment:  A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

- EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
- H302: Harmful if swallowed.
- H314: Causes severe skin burns and eye damage.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.
- R22: Harmful if swallowed.
- R34: Causes burns.
- R36: Irritating to eyes.
- R40: Limited evidence of a carcinogenic effect.
- R41: Risk of serious damage to eyes.
- R43: May cause sensitisation by skin contact.
- R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R50: Very toxic to aquatic organisms.
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legend to abbreviations:

- PNEC = predicted no effect concentration
- DNEL = derived no effect level
- LD50 = median lethal dose
- LC50 = median lethal concentration
- LDLO = lethal dose low
- EC50 = median effective concentration
- IC50 = median inhibitory concentration
- dw = dry weight
- bw = body weight
- cc = closed cup
- oc = open cup
- MUS = mouse
- GPG = guinea pig

[cont...]
SAFETY DATA SHEET
MYSTOX FWR

RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin
DRM = dermal
OCC = ocular/corneal
OPT = optical
INH = inhalation
PCP = physico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.