SAFETY DATA SHEET
MYSTOX IP

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

1.1. Product identifier

Product name: MYSTOX IP
Product code: CAT_IP

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. Textile Auxillary

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: Xn: R22; T: R23; Xi: R41; Sens.: R43; T: R48/23; N: R50; N: R51/53
Classification under CLP: Acute Tox. 4: H302+332; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT RE 1: H372
Most important adverse effects: Harmful if swallowed. Toxic by inhalation. Risk of serious damage to eyes. May cause sensitisation by skin contact. Toxic: danger of serious damage to health by prolonged exposure through inhalation. Very toxic to aquatic organisms. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label elements:
Hazard statements: H302+332: Harmful if swallowed or if inhaled.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H372: Causes damage to organs through prolonged or repeated exposure.

[cont...]
SAFETY DATA SHEET
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H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms:
GHS05: Corrosion
GHS07: Exclamation mark
GHS08: Health hazard
GHS09: Environmental

Precautionary statements:
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of water/.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Label elements under CHIP:

Hazard symbols: Toxic.
Dangerous for the environment.

Risk phrases: R22: Harmful if swallowed.
R23: Toxic by inhalation.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation.
R50: Very toxic to aquatic organisms.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S24: Avoid contact with skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39: Wear suitable gloves and eye / face protection.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.
S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

[cont...]
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2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

3-IODO-2-PROPYNYL BUTYL CARBAMATE

<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>259-627-5</td>
<td>55406-53-6</td>
<td>Xn: R22; T: R23; Xi: R41; Sens.: R43; T: R48/23; N: R50</td>
<td>Acute Tox. 3: H331; Acute Tox. 4: H302; STOT RE 1: H372; Eye Dam. 1: H318; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

PROPICONAZOLE

<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>262-104-4</td>
<td>60207-90-1</td>
<td>Xn: R22; Sens.: R43; N: R50/53</td>
<td>Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400</td>
<td>10-30%</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. Wash immediately with plenty of soap and water. 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 irritation and redness at the site of contact.
- **Eye contact:** There may be irritation and redness. The eyes may water profusely.
- **Ingestion:** There may be soreness and redness of the mouth and throat.
- **Inhalation:** Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

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

**Immediate / special treatment:** Not applicable.

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: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): Textile Auxiliary

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC: No data available.

8.2. Exposure controls

Engineering measures: 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.
### Section 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Tan</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available.</td>
</tr>
<tr>
<td>Oxidising</td>
<td>No data available.</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Not miscible</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available.</td>
</tr>
<tr>
<td>Boiling point/range°C</td>
<td>from 55</td>
</tr>
<tr>
<td>Melting point/ range°C</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flash point°C</td>
<td>&gt;130</td>
</tr>
<tr>
<td>Part.coeff. n-octanol/water</td>
<td>No data available.</td>
</tr>
<tr>
<td>Autoflammability°C</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flammability limits %</td>
<td>No data available.</td>
</tr>
<tr>
<td>lower</td>
<td></td>
</tr>
<tr>
<td>upper</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>&gt;1.0</td>
</tr>
<tr>
<td>VOC g/l</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

#### 9.2. Other information

Other information: No data available.

### Section 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

Conditions to avoid: Heat.

#### 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

(cont...)
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11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (harmful)</td>
<td>ING</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Acute toxicity (toxic)</td>
<td>INH</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Irritation</td>
<td>OPT</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Sensitisation</td>
<td>DRM</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Repeated dose toxicity</td>
<td>INH</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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: Negligible ecotoxicity.

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.

[cont...]
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. (3-IODO-2-PROPYNYL BUTYLCARBAMATE; PROPICONAZOLE)

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

Special precautions: No special precautions.

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:

H302: Harmful if swallowed.

H302+332: Harmful if swallowed or if inhaled.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H331: Toxic if inhaled.

H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that

[cont...]
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no other routes of exposure cause the hazard.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
R22: Harmful if swallowed.
R23: Toxic by inhalation.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation.
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.

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.