

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament  
and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: UCYPol 1440-24

Registration number (REACH)

Not relevant the product is a polymer

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

Relevant identified uses

Industrial use

### 1.3 Details of the supplier of the safety data sheet

UCY business services & trading GmbH

Street: Am Villepohl 4

Post code / city: DE-53347 Alfter

Phone: +49 228 2428 732

Facsimile: +49 228 2428 731

E-mail: sales@ucy-energy.com

### 1.4 Emergency telephone number

In case of emergency contact the national emergency telephone number: UK and Ireland: 112 or 999

| Country               | Official advisory body  | Address  | Emergency number |
|-----------------------|---|--|------------------|
| Ireland (Republic of) | National Poisons Information Centre<br>Beaumont Hospital                                      | Beaumont Hospital Beaumont<br>Road<br>9 Dublin | : +353 1 8379964 |
| United Kingdom        | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London                | 0870 243 2241    |

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Not required.

### 2.3 Other hazards

Of no significance.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

The product does not contain any ingredients which are classified according to present knowledge of the supplier and contribute to the classification of the product and hence require reporting in this section.

Description of the mixture

Polymer (Aqueous solution)

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

| Name of substance | Identifier   | Wt%     | Classification acc. to GHS   | Pictograms | Notes                   |
|-------------------|--|---------|--|------------|-------------------------|
| 2-butoxyethanol   | CAS No<br>111-76-2<br><br>EC No<br>203-905-0<br><br>Index No<br>603-014-00-0<br><br>REACH Reg. No<br>01-2119475108-36-xxxx | < 1     | Acute Tox. 4 / H302<br>Acute Tox. 4 / H332<br>Skin Irrit. 2 / H315<br>Eye Irrit. 2 / H319  |            | GHS-HC<br>IOELV         |
| Styrene           | CAS No<br>100-42-5<br><br>EC No<br>202-851-5<br><br>Index No<br>601-026-00-0<br><br>REACH Reg. No<br>01-2119457861-32-xxxx | < 0.05  | Flam. Liq. 3 / H226<br>Acute Tox. 4 / H332<br>Skin Irrit. 2 / H315<br>Eye Irrit. 2 / H319<br>Repr. 2 / H361d<br>STOT SE 3 / H335<br>STOT RE 1 / H372<br>Asp. Tox. 1 / H304<br>Aquatic Chronic 3 / H412 |            | D<br>GHS-HC<br>IARC: 2A |
| maleic acid       | CAS No<br>110-16-7<br><br>EC No<br>203-742-5<br><br>Index No<br>607-095-00-3<br><br>REACH Reg. No<br>01-2119488705-25-xxxx | < 0.005 | Acute Tox. 4 / H302<br>Skin Corr. 1B / H314<br>Eye Dam. 1 / H318<br>Skin Sens. 1 / H317<br>STOT SE 3 / H335  |            |                         |

## Notes

D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

GHS-HC: Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

IARC: IARC group 2A: probably carcinogenic to humans (International Agency for Research on Cancer)

2A:

IOELV: Substance with a community indicative occupational exposure limit value

| Name of substance | Identifier                                   | Specific Conc. Limits         | M-Factors | ATE                       | Exposure route             |
|-------------------|--|-------------------------------|-----------|---------------------------|----------------------------|
| 2-butoxyethanol   | CAS No<br>111-76-2<br><br>EC No<br>203-905-0 | -                             | -         | 1,200 mg/kg<br>11 mg/l/4h | oral<br>inhalation: vapour |
| Styrene           | CAS No<br>100-42-5<br><br>EC No<br>202-851-5 | -                             | -         | 11 mg/l/4h                | inhalation: vapour         |
| maleic acid       | CAS No<br>110-16-7<br><br>EC No<br>203-742-5 | Skin Sens. 1; H317: C ≥ 0.1 % | -         | 500 mg/kg                 | oral                       |

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament  
and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## Remarks

For full text of H-phrases: see SECTION 16.

## Consideration of other advice

**Residual Maleic anhydride:** As the residual maleic anhydride in our products will hydrolyze to its corresponding acid form, the maleic anhydride is not applicable to our products. This results in a maleic acid content (<0.01%) which has no effect on the classification & labelling.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. In case of unconsciousness place person in the recovery position. Never give anything by mouth. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice.

#### Following inhalation

Provide fresh air. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

#### Following skin contact

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

#### Following eye contact

Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor if you feel unwell.

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

Symptoms and effects are not known to date.

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

None.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Alcohol resistant foam; Dry extinguishing powder; Carbon dioxide (CO<sub>2</sub>);  
Co-ordinate firefighting measures to the fire surroundings

#### Unsuitable extinguishing media

Water jet.

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

Vapours and fumes, released at elevated processing temperatures, may be irritating for the eyes, nose, throat and respiratory system. In case of overexposure they can cause nausea and headache.

#### Hazardous combustion products

During fire hazardous fumes/smoke could be produced.

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

#### Special protective equipment for firefighters

Self-contained breathing apparatus (EN 133). Standard protective clothing for firefighters.



# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety. Ventilate affected area.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Use personal protective equipment as required.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

- specific notes/details

Spilled material creates extremely slippery conditions.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- incompatible substances or mixtures

Keep away from alkalis, oxidising substances, acids.

Control of effects

Protect against external exposure, such as

High temperatures. Frost. UV-radiation/sunlight.

Consideration of other advice

Store in a well-ventilated place. Keep container tightly closed. Recommended storage temperature: <50 °C.

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## 7.3 Specific end use(s)

There is no additional information.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

| Occupational exposure limit values (Workplace Exposure Limits) |                 |          |            |           |                          |            |                           |          |            |
|--|-----------------|----------|------------|-----------|--------------------------|------------|---------------------------|----------|------------|
| Country  | Name of agent   | CAS No   | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Notation | Source     |
| EU   | 2-butoxyethanol | 111-76-2 | IOELV      | 20        | 98                       | 50         | 246                       |          | 2000/39/EC |
| GB   | styrene         | 100-42-5 | WEL        | 100       | 430                      | 250        | 1,080                     |          | EH40/2005  |
| GB   | 2-butoxyethanol | 111-76-2 | WEL        | 25        | 123                      | 50         | 246                       |          | EH40/2005  |

#### Notation

STEL

short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

#### Biological limit values

| Biological limit values |                 |                     |          |            |              |           |
|-------------------------|-----------------|---------------------|----------|------------|--------------|-----------|
| Country                 | Name of agent   | Parameter           | Notation | Identifier | Value        | Source    |
| GB                      | 2-butoxyethanol | 2-butoxyacetic acid | crea     | BMGV       | 240 mmol/mol | EH40/2005 |

#### Notation

crea creatinine

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide mechanical ventilation; in general such ventilation should be provided at compounding/converting areas and at fabricating/ filling work stations where the material is heated. Local exhaust ventilation should be used over and in the vicinity of machinery involved in handling the molten material. Emissions from ventilation or work process equipment should be checked to ensure they comply with the legal requirements.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection



Use safety goggles with side protection. (EN166).

Use heat resistant face shield when handling molten product

##### Skin protection

Protective clothing (EN 340 & EN ISO 13688).

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament  
and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## Skin protection

Protective clothing (EN 340 & EN ISO 13688).

## - hand protection



Wear suitable gloves. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Chemical protection gloves are suitable, which are tested according to EN 374.

Use heat resistant gloves when handling molten product.

## - breakthrough times of the glove material

Use gloves with a minimum breakthrough times of the glove material: >480 minutes (permeation: level 6).

## - other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling. Provide eyewash stations and safety showers at the workplace.

## Respiratory protection

In case of inadequate ventilation wear respiratory protection. P2 (filters at least 94 % of airborne particles, colour code: White).

## Environmental exposure controls

Keep away from drains, surface and ground water. Emissions from ventilation or work process equipment should be checked to ensure they comply with the legal requirements.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |                                   |
|--|-----------------------------------|
| Physical state   | liquid                            |
| Colour   | various                           |
| Odour  | weak                              |
| Melting point/freezing point                             | this information is not available |
| Boiling point or initial boiling point and boiling range | not applicable                    |
| Evaporation rate   | not applicable                    |
| Flammability   | not relevant (fluid)              |
| Lower and upper explosion limit                          | LEL: UEL: not determined          |
| Flash point  | not determined                    |
| Auto-ignition temperature                                | not determined                    |
| pH (value)   | ≤10                               |
| Kinematic viscosity                                      | not determined                    |



# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## Solubility(ies)

|                  |                            |
|------------------|----------------------------|
| Water solubility | miscible in any proportion |
|------------------|----------------------------|

|   |                                   |
|---|-----------------------------------|
| Partition coefficient n-octanol/water (log value) | this information is not available |
|---|-----------------------------------|

|                 |                |
|-----------------|----------------|
| Vapour pressure | not applicable |
|-----------------|----------------|

|         |                |
|---------|----------------|
| Density | not determined |
|---------|----------------|

|                          |                       |
|--------------------------|-----------------------|
| Particle characteristics | not relevant (liquid) |
|--------------------------|-----------------------|

## 9.2 Other information

There is no additional information.

|  |   |
|--|---|
| Information with regard to physical hazard classes | hazard classes acc. to GHS (physical hazards): not relevant |
|--|---|

## Other safety characteristics

|             |                                 |
|-------------|---------------------------------|
| Miscibility | Completely miscible with water. |
|-------------|---------------------------------|

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

### 10.4 Conditions to avoid

Avoid prolonged exposure to heat or UV light since this may influence material properties. Material will burn when exposed to continuing source of ignition. When heated above decomposition temperature toxic fumes may be released. Recommended storage temperature: <50 °C.

### 10.5 Incompatible materials

Acids, Oxidisers, Alkalies

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament  
and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### Acute toxicity

Shall not be classified as acutely toxic.

#### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

#### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

#### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser. As the residual maleic anhydride in our products will hydrolyze to its corresponding acid form, the maleic anhydride is not applicable to our products. This results in a maleic acid content (<0.01%) which has no effect on the classification & labelling.

#### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

#### Carcinogenicity

Shall not be classified as carcinogenic.

#### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

#### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

#### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

#### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### 11.2 Information on other hazards

There is no additional information.



# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## SECTION 12: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

### 12.2 Persistence and degradability

Based on previous experience, this product is non-degradable.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

The product contains low amount of a substance(s) with an endocrine disrupting potential.

| Endocrine disrupting chemicals (EDC) |          |                   |                       |                   |
|--------------------------------------|----------|-------------------|-----------------------|-------------------|
| Name acc. to inventory               | CAS No   | Combined category | Human health category | Wildlife category |
| styrene                              | 100-42-5 | CAT1              | CAT1                  | CAT3              |

#### Legend

CAT1 Category 1 - evidence of endocrine disruption in at least one species using intact animals  
CAT3 Category 3 - no evidence of endocrine disruption or no data available

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment.

#### Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## SECTION 14: Transport information

|      |   |   |
|------|---|---|
| 14.1 | UN number or ID number                                  | not subject to transport regulations                                  |
| 14.2 | UN proper shipping name                                 | not assigned  |
| 14.3 | Transport hazard class(es)                              | none  |
| 14.4 | Packing group   | not assigned  |
| 14.5 | Environmental hazards                                   | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 | Special precautions for user                            | There is no additional information.                                   |
| 14.7 | Maritime transport in bulk according to IMO instruments | No data available.  |

### Information for each of the UN Model Regulations

#### Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - additional information

not assigned

#### International Maritime Dangerous Goods Code (IMDG) - additional information

Not subject to IMDG.

#### International Civil Aviation Organization (ICAO-IATA/DGR) - additional information

Not subject to ICAO-IATA.

## SECTION 15: Regulatory information

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

#### Relevant provisions of the European Union (EU)

#### Restrictions according to REACH, Annex XVII

| Name            | Name acc. to inventory   | Restriction | No |
|-----------------|--|-------------|----|
| Styrene         | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | R3          | 3  |
| Styrene         | flammable / pyrophoric   | R40         | 40 |
| 2-butoxyethanol | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | R3          | 3  |

#### Legend

- R3
1. Shall not be used in:
    - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ash-trays,
    - tricks and jokes,
    - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
  2. Articles not complying with paragraph 1 shall not be placed on the market.
  3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
    - can be used as fuel in decorative oil lamps for supply to the general public, and,
    - present an aspiration hazard and are labelled with R65 or H304,
  4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
  5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
    - (a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage';

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

- (b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage';
- (c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.
7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.
- R40
1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
- metallic glitter intended mainly for decoration,
  - artificial snow and frost,
  - 'whoopie' cushions,
  - silly string aerosols,
  - imitation excrement,
  - horns for parties,
  - decorative flakes and foams,
  - artificial cobwebs,
  - stink bombs.
2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:
- 'For professional users only'.
3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2).
4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

## List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

## Seveso Directive

| 2012/18/EU (Seveso III) |                                       |   |       |
|-------------------------|---------------------------------------|---|-------|
| No                      | Dangerous substance/hazard categories | Qualifying quantity (tonnes) for the application of lower and upper-tier requirements | Notes |
|                         | not assigned                          |   |       |

## Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

## Water Framework Directive (WFD)

| List of pollutants (WFD) |   |        |           |         |
|--------------------------|---|--------|-----------|---------|
| Name of substance        | Name acc. to inventory  | CAS No | Listed in | Remarks |
| Styrene                  | Substances and preparations, or the breakdown products of such, which have been proved to possess carcinogenic or mutagenic properties or properties which may affect steroidogenic, thyroid, reproduction or other endocrine-related functions in or via the aquatic environment |        | A)        |         |
| 2-butoxyethanol          | Substances and preparations, or the breakdown products of such, which have been proved to possess carcinogenic or mutagenic properties or properties which may affect steroidogenic, thyroid, reproduction or other endocrine-related functions in or via the aquatic environment |        | A)        |         |



# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## Legend

A) Indicative list of the main pollutants

## Regulation 98/2013/EU on the marketing and use of explosives precursors

None of the ingredients are listed.

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### Indication of changes (revised safety data sheet)

Complete revision of the safety data sheet.

### Abbreviations and acronyms

| Abbr.           | Descriptions of used abbreviations  |
|-----------------|---|
| 2000/39/EC      | Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC   |
| Acute Tox.      | Acute toxicity  |
| ADN             | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR             | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)                                       |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard   |
| Asp. Tox.       | Aspiration hazard   |
| ATE             | Acute Toxicity Estimate   |
| CAS             | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |
| CLP             | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  |
| DGR             | Dangerous Goods Regulations (see IATA/DGR)  |
| EC No           | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)                                     |
| EH40/2005       | EH40/2005 Workplace exposure limits ( <a href="http://www.nationalarchives.gov.uk/doc/open-government-licence/">http://www.nationalarchives.gov.uk/doc/open-government-licence/</a> )                                 |
| EINECS          | European Inventory of Existing Commercial Chemical Substances   |

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

| Abbr.       | Descriptions of used abbreviations  |
|-------------|---|
| ELINCS      | European List of Notified Chemical Substances   |
| Eye Dam.    | Seriously damaging to the eye   |
| Eye Irrit.  | Irritant to the eye   |
| Flam. Liq.  | Flammable liquid  |
| GHS         | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations   |
| IARC        | International Agency for Research on Cancer   |
| IATA        | International Air Transport Association   |
| IATA/DGR    | Dangerous Goods Regulations (DGR) for the air transport (IATA)  |
| ICAO        | International Civil Aviation Organization   |
| IMDG        | International Maritime Dangerous Goods Code   |
| index No    | The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008  |
| IOELV       | Indicative occupational exposure limit value  |
| LEL         | Lower explosion limit (LEL)   |
| NLP         | No-Longer Polymer   |
| PBT         | Persistent, Bioaccumulative and Toxic   |
| ppm         | Parts per million   |
| REACH       | Registration, Evaluation, Authorisation and Restriction of Chemicals  |
| Repr.       | Reproductive toxicity   |
| RID         | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| Skin Corr.  | Corrosive to skin   |
| Skin Irrit. | Irritant to skin  |
| Skin Sens.  | Skin sensitisation  |
| STEL        | Short-term exposure limit   |
| STOT RE     | Specific target organ toxicity - repeated exposure  |
| STOT SE     | Specific target organ toxicity - single exposure  |
| SVHC        | Substance of Very High Concern  |
| TWA         | Time-weighted average   |
| UEL         | Upper explosion limit (UEL)   |
| vPvB        | Very Persistent and very Bioaccumulative  |
| WEL         | Workplace exposure limit  |

# Safety Data Sheet – UCYPol 1440-24

according to REACH Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 with amendments



Date: April 19<sup>th</sup>, 2022

## Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

The classification is based on:

Residual Maleic anhydride. As the residual maleic anhydride in our products will hydrolyze to its corresponding acid form, the maleic anhydride is not applicable to our products. This results in a maleic acid content (<0.01%) which has no effect on the classification & labelling.

## List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code  | Text  |
|-------|---|
| H226  | Flammable liquid and vapour.                                    |
| H302  | Harmful if swallowed.   |
| H304  | May be fatal if swallowed and enters airways.                   |
| H314  | Causes severe skin burns and eye damage.                        |
| H315  | Causes skin irritation.   |
| H317  | May cause an allergic skin reaction.                            |
| H318  | Causes serious eye damage.                                      |
| H319  | Causes serious eye irritation.                                  |
| H332  | Harmful if inhaled.   |
| H335  | May cause respiratory irritation.                               |
| H361d | Suspected of damaging the unborn child.                         |
| H372  | Causes damage to organs through prolonged or repeated exposure. |
| H412  | Harmful to aquatic life with long lasting effects.              |

## Disclaimer

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. The information, data and recommendations are made to the best ability and obtained from reliable sources. Completeness is not guaranteed. This SDS is intended only as a guideline for the treatment of our products and provides no guarantee of product properties or contractual agreements. It remains the responsibility of the user to meet local and national legislation.

**FOR THIS PRODUCT IT IS NOT LEGALLY REQUIRED TO PROVIDE AN SDS UNDER ARTICLE 31 OF THE REACH REGULATION, BECAUSE THE PRODUCT IS NOT CLASSIFIED AS HAZARDOUS. THIS DOCUMENT IS PREPARED AS A VOLUNTARY AND ADDITIONAL SERVICE TO PROVIDE GENERAL SAFETY INFORMATION.**