

# SAFETY DATA SHEET



according to Regulation (EU) 2015/830

## ARC Aqua-Block (Grey)

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

|   |   |
|---|---|
| 1.1. Product identifier                               |   |
| Product name  | Arc Aqua-Block (Grey)   |
| 1.3. Details of the supplier of the safety data sheet |   |
| Company   | CE&AÓ' qãã * ÁÚ!  à ~ &ø  |
| Address   | ÖCFO' • q ^•• ÁÁ^&@ [    * ^ ÁÚæ\                                     |
| Web   | Óæj' } ææã  |
| Telephone   | CE\ [ , ÉÓ [ ÉY æ [ ,   |
| Email   | Q æ à ÉYFI ÁÉH €  |
| Email address of the competent person                 | • æ^•O æ&ã ~ qãã * }!  à ~ &ø Éã                                      |
| 1.4. Emergency telephone number                       |   |
| Emergency telephone number                            | BD7 '1 BU]cbU'Dc]gcb -bZfa U]cb 7 YbfY                                |
| Company   | T ^{ à!• Á -@ÁÚ ~ à]æHÍ HÁFDÀ ÉJGÍÍ ÁÚ ÉÉæ Á Á ÉÉÁ { ÁÁ Áæ• ÁÁ } ^\ D |

### SECTION 2: Hazards identification

|   |   |
|---|---|
| 2.1. Classification of the substance or mixture |   |
| 2.1.2. Classification - EC 1272/2008            | Flam. Liq. 3: H226; STOT SE 3: H336; Aquatic Chronic 3: H412;   |
| 2.2. Label elements                             |   |
| Hazard pictograms                               |     |
| Signal Word                                     | Warning   |
| Hazard Statement                                | Flam. Liq. 3: H226 - Flammable liquid and vapour.<br>STOT SE 3: H336 - May cause drowsiness or dizziness.<br>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.   |
| Precautionary Statement: Prevention             | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P233 - Keep container tightly closed.<br>P240 - Ground/bond container and receiving equipment.<br>P241 - Use explosion-proof electrical/ventilating/lighting// equipment.<br>P242 - Use only non-sparking tools.<br>P243 - Take precautionary measures against static discharge.<br>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P271 - Use only outdoors or in a well-ventilated area. |

## ARC Aqua-Block (Grey)

Revision 1  
Revision date 18/05/2023

## 2.2. Label elements

|  |   |
|--|---|
| <b>Precautionary Statement: Response</b> | P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.   |
|  | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P312 - Call a POISON CENTER/doctor/ /if you feel unwell.<br>P370+P378 - In case of fire: Use to extinguish. |
| <b>Precautionary Statement: Storage</b>  | P403+P233 - Store in a well-ventilated place. Keep container tightly closed.<br>P403+P235 - Store in a well-ventilated place. Keep cool.<br>P405 - Store locked up.   |
| <b>Precautionary Statement: Disposal</b> | P501 - Dispose of contents/container to licensed waste disposal site  |

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

| Chemical Name  | Index No.    | CAS No.                  | EC No.                 | REACH Registration Number | Conc. (%w/w)         | Classification   |
|--|--------------|--------------------------|------------------------|---------------------------|----------------------|--|
| Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides                |              | 68391-05-9               | 269-924-1              | 01-2119486994-16          | 0 - 0.5%             | Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics<br>Dolomite |              | 64742-48-9<br>16389-88-1 | 919-857-5<br>240-440-2 | 01-2119463258-33          | 30 - 40%<br>20 - 30% | Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336;  |
| Isopropanol (Propan-2-ol)  | 603-117-00-0 | 67-63-0                  | 200-661-7              | 01-2119457558-25          | 0 - 0.5%             | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;   |
| Titanium Dioxide   |              | 13463-67-7               | 236-675-5              | 01-2119489379-17          | 1 - 10%              |  |
| 1H-Imidazole-1-ethanamine, 4,5-dihydro-, 2-nortall-oil alkyl derivs.             |              | 68442-97-7               | 270-500-3              | 01-2119487013-43          | 0 - 0.5%             | Skin Corr. 1C: H314; Skin Sens. 1: H317; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; |

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move the exposed person to fresh air.   |
| <b>Eye contact</b>  | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| <b>Skin contact</b> | Wash off immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.        |
| <b>Ingestion</b>    | Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention.   |

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

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Inhalation may cause nausea and vomiting. May cause dizziness and headache.       |
| <b>Eye contact</b>  | May cause irritation to eyes.   |
| <b>Skin contact</b> | May cause degreasing of the skin. May cause irritation to skin.                   |
| <b>Ingestion</b>    | Ingestion may cause nausea and vomiting. Irritating to mouth, throat and stomach. |

## General information

|  |  |
|--|--|
|  | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Treat symptomatically. |
|--|--|

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

|  |  |
|--|--|
|  | Use foam, carbon dioxide, dry powder, sand or earth. |
|--|--|

# ARC Aqua-Block (Grey)

Revision 1  
Revision date 18/05/2023

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

Burning produces irritating, toxic and obnoxious fumes.

## 5.3. Advice for firefighters

In confined spaces, fire-fighters should wear self-contained breathing equipment apparatus and protective clothing.

## SECTION 6: Accidental release measures

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

Eliminate all sources of ignition. Wear suitable protective clothing.

### 6.2. Environmental precautions

Do not flush into surface water. Prevent further spillage if safe.

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

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

### 6.4. Reference to other sections

SECTION 13: Disposal considerations. SECTION 14: Transport information. SECTION 2: Hazards identification.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Keep away from sources of ignition - No smoking. When using do not eat or drink. Wear suitable protective clothing, gloves and eye/face protection.

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

Keep container tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers. Keep out of reach of children.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values


|                           |   |  |
|---------------------------|---|--|
| Dolomite                  | WEL 8-hr limit ppm:<br>WEL 15 min limit ppm:<br>WEL 8-hr limit mg/m3 total<br>inhalable dust:<br>WEL 8-hr limit mg/m3 total 4<br>respirable dust:           | WEL 8-hr limit mg/m3:<br>WEL 15 min limit mg/m3:<br>WEL 15 min limit mg/m3 total<br>inhalable dust:<br>WEL 15 min limit mg/m3 total -<br>respirable dust:            |
| Isopropanol (Propan-2-ol) | WEL 8-hr limit ppm: 400<br>WEL 15 min limit ppm: 500<br>WEL 8-hr limit mg/m3 total -<br>inhalable dust:<br>WEL 8-hr limit mg/m3 total -<br>respirable dust: | WEL 8-hr limit mg/m3: 999<br>WEL 15 min limit mg/m3: 1250<br>WEL 15 min limit mg/m3 total -<br>inhalable dust:<br>WEL 15 min limit mg/m3 total -<br>respirable dust: |
| Titanium Dioxide          | WEL 8-hr limit ppm: -<br>WEL 15 min limit ppm: -<br>WEL 8-hr limit mg/m3 total 10<br>inhalable dust:<br>WEL 8-hr limit mg/m3 total 4<br>respirable dust:    | WEL 8-hr limit mg/m3: -<br>WEL 15 min limit mg/m3: -<br>WEL 15 min limit mg/m3 total -<br>inhalable dust:<br>WEL 15 min limit mg/m3 total -<br>respirable dust:      |

### 8.2. Exposure controls

## ARC Aqua-Block (Grey)

Revision 1  
Revision date 18/05/2023

## 8.2. Exposure controls

|                                       |  |
|---------------------------------------|--|
|                                       |   |
| 8.2.2. Individual protection measures | Wear suitable protective clothing.   |
| Eye / face protection                 | Suitable eye protection. Eye protection conforming to EN166.   |
| Skin protection - Handprotection      | Chemical resistant gloves (PVC). Gloves conforming to EN374.   |
| Respiratory protection                | Not normally required. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator (conforming to EN140) fitted with the following P3 cartridge (conforming to EN143): Organic vapour filter. |

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|                       |   |
|-----------------------|---|
| Appearance            | Liquid  |
| Colour                | Grey  |
| Odour                 | Characteristic  |
| Freezing Point        | Not determined  |
| Initial boiling point | ≥ 135 °C  |
| Flash point           | ≥ 38.5 °C   |
| Viscosity             | ≈ 500 x 10 <sup>-6</sup> m <sup>2</sup> /s @ 40 °C (ISO 3219) |
| Solubility            | Insoluble in water  |

## 9.2. Other information

|                                  |           |
|----------------------------------|-----------|
| Specific gravity                 | 1.14      |
| VOC (Volatile organic compounds) | ≤ 450 g/l |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

|  |                                |
|--|--------------------------------|
|  | Reacts with: Oxidising agents. |
|--|--------------------------------|

## 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.3. Possibility of hazardous reactions

|  |   |
|--|---|
|  | Under normal conditions of storage and use, hazardous reactions will not occur. |
|--|---|

## 10.4. Conditions to avoid

|  |  |
|--|--|
|  | Direct sunlight. Heat, sparks and open flames. |
|--|--|

## 10.5. Incompatible materials

|  |  |
|--|--|
|  | Oxidising agents. Keep away from food, drink and animal feedingstuffs. |
|--|--|

## 10.6. Hazardous decomposition products

|  |  |
|--|--|
|  | Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke. |
|--|--|

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

|                           |   |
|---------------------------|---|
| Acute toxicity            | Based on available data, the classification criteria are not met. |
| Skin corrosion/irritation | Based on available data, the classification criteria are not met. |

## ARC Aqua-Block (Grey)

Revision 1  
Revision date 18/05/2023

## 11.1. Information on toxicological effects

|                                   |  |
|-----------------------------------|--|
| Respiratory or skin sensitisation | No sensitization effects reported.   |
| Germ cell mutagenicity            | No mutagenic effects reported.   |
| Carcinogenicity                   | No carcinogenic effects reported.  |
| Reproductive toxicity             | No teratogenic effects reported.   |
| STOT-single exposure              | STOT SE 3: H336 - May cause drowsiness or dizziness.   |
| STOT-repeated exposure            | Based on available data, the classification criteria are not met.  |
| Aspiration hazard                 | Aspiration hazard H304 has been eliminated due to the kinematic viscosity of the product being above 20.5 mm <sup>2</sup> /s @ 40°C. |
| Repeated or prolonged exposure    | Repeated or prolonged exposure may cause damage to liver, kidneys and central nervous system.  |

## 11.1.4. Toxicological Information

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## SECTION 12: Ecological information

## 12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

## 12.2. Persistence and degradability

|  |                            |
|--|----------------------------|
|  | Not readily biodegradable. |
|--|----------------------------|

## 12.3. Bioaccumulative potential

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.4. Mobility in soil

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.5. Results of PBT and vPvB assessment

|  |  |
|--|--|
|  | This product does not meet the criteria for classification as PBT or vPvB. |
|--|--|

## 12.6. Other adverse effects

|  |  |
|--|--|
|  | Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. |
|--|--|

## SECTION 13: Disposal considerations

## General information


|  |   |
|--|---|
|  | Contact a licensed waste disposal company. 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances. |
|--|---|

## Disposal of packaging

|  |   |
|--|---|
|  | After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Contact a licensed waste disposal company. 15 01 10* packaging containing residues of or containing by dangerous substances. |
|--|---|

## SECTION 14: Transport information

## Hazard pictograms

|  |   |
|--|---|
|  |  |
|--|---|

## 14.1. UN number

|  |        |
|--|--------|
|  | UN1263 |
|--|--------|

## ARC Aqua-Block (Grey)

Revision 1  
Revision date 18/05/2023

## 14.2. UN proper shipping name

PAINT RELATED MATERIAL

## 14.3. Transport hazard class(es)

|                 |   |
|-----------------|---|
| ADR/RID         | 3 |
| Subsidiary risk | - |
| IMDG            | 3 |
| Subsidiary risk | - |
| IATA            | 3 |
| Subsidiary risk | - |

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

|                       |    |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant      | No |

## ADR/RID

|                 |       |
|-----------------|-------|
| Hazard ID       | 30    |
| Tunnel Category | (D/E) |

## IMDG

EmS Code F-E S-E

## IATA

|                                 |       |
|---------------------------------|-------|
| Packing Instruction (Cargo)     | 366   |
| Maximum quantity                | 220 L |
| Packing Instruction (Passenger) | 355   |
| Maximum quantity                | 60 L  |

## SECTION 15: Regulatory information

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

|             |  |
|-------------|--|
| Regulations | This Safety Data Sheet has been prepared in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation). |
|-------------|--|

## 15.2. Chemical safety assessment

Not required.

## Further information

|  |  |
|--|--|
|  | <p>EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59.<br/>This product does not contain SVHC's <math>\geq 0.1\%</math></p> <p>EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction<br/>This product does not contain substances subject to restriction</p> <p>EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorisation<br/>This product does not contain substances subject to authorisation</p> <p>Ozone-depleting substances (ODS) regulation (EC) 1005/2009<br/>N/A.</p> |
|--|--|

## ARC Aqua-Block (Grey)

Revision 1

Revision date 18/05/2023

## SECTION 16: Other information

## Other information

|   |   |
|---|---|
| <b>Revision</b>                               | <p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - 2.1. Classification of the substance or mixture.</li> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Melting point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Upper Explosive Limit).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Lower Explosive Limit).</li> <li>9 - 9.2. Other information (Specific gravity).</li> <li>12 - 12.1. Toxicity.</li> <li>15 - Labelling.</li> <li>15 - Hazard Statement.</li> </ul> |
| <b>Data sources</b>                           | Data extracted from individual component Safety Data Sheets.  |
| <b>Text of Hazard Statements in Section 3</b> | <p>Acute Tox. 4: H302 - Harmful if swallowed.<br/> Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.<br/> Eye Dam. 1: H318 - Causes serious eye damage.<br/> Aquatic Acute 1: H400 - Very toxic to aquatic life.<br/> Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.<br/> Flam. Liq. 3: H226 - Flammable liquid and vapour.<br/> Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.<br/> STOT SE 3: H336 - May cause drowsiness or dizziness.<br/> Flam. Liq. 2: H225 - Highly flammable liquid and vapour.<br/> Eye Irrit. 2: H319 - Causes serious eye irritation.<br/> Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.<br/> Skin Sens. 1: H317 - May cause an allergic skin reaction.<br/> Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p>  |
| <b>Maximum content of VOC</b>                 | 450 g/l.  |