

# SAFETY DATA SHEET

## Buster Bulk

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

#### 1.1. Product identifier

**Product name** Buster Bulk

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

**Identified uses** Graffiti Remover PC35 Washing and cleaning products

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

**Supplier** Aztec Chemicals  
 Unit 16, University Way  
 Orion Park  
 Crewe  
 Cheshire  
 CW1 6NG  
 + 44 (0) 1270 655500 (T)  
 + 44 (0) 1270 655501 (F)  
 info@aztecchemicals.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)1270 656380 (Monday to Friday, 9am to 5pm)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Flam. Liq. 3 - H226

**Health hazards** Eye Irrit. 2 - H319 STOT SE 3 - H336 Asp. Tox. 1 - H304

**Environmental hazards** Not Classified

**Human health** The liquid is irritating to eyes and skin.

**Environmental** The product contains a substance which may cause long-term adverse effects in the aquatic environment.

**Physicochemical** The product is flammable and oxidising, and heating may generate vapours which may form explosive vapour/air mixtures.

#### 2.2. Label elements

##### Hazard pictograms



**Signal word**

Danger

##### Hazard statements

H226 Flammable liquid and vapour.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H304 May be fatal if swallowed and enters airways.

## Buster Bulk

|                                 |   |
|---------------------------------|---|
| <b>Precautionary statements</b> | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.   |
|                                 | P271 Use only outdoors or in a well-ventilated area.  |
|                                 | P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|                                 | P102 Keep out of reach of children.   |
|                                 | P314 Get medical advice/ attention if you feel unwell.  |
|                                 | P501 Dispose of contents/ container in accordance with local regulations.   |

**Supplemental label information** RCH002b For professional users only.

**Contains** 1-METHOXY-2-PROPANOL, ALIPHATIC HYDROCARBON (D40)

**Detergent labelling** 15 - < 30% aliphatic hydrocarbons, < 5% non-ionic surfactants

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|  |                                |  |
|--|--------------------------------|--|
| <b>1-METHOXY-2-PROPANOL</b> <b>60-100%</b>   |                                |  |
| CAS number: 107-98-2   | EC number: 203-539-1           | REACH registration number: 01-2119457435-35      |
| <b>Classification</b><br>Flam. Liq. 3 - H226<br>STOT SE 3 - H336                       |                                |  |
| <b>ALIPHATIC HYDROCARBON (D40)</b> <b>10-30%</b>                                       |                                |  |
| CAS number: —  | EC number: 919-857-5           | REACH registration number: 01-2119463258-33-XXXX |
| <b>Classification</b><br>Flam. Liq. 3 - H226<br>STOT SE 3 - H336<br>Asp. Tox. 1 - H304 |                                |  |
| <b>Alcohol ethoxylate</b> <b>1-5%</b>  |                                |  |
| CAS number: 68439-46-3   | REACH registration number: N/A |  |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318                      |                                |  |
| <b>Dimethyl succinate</b> <b>1-5%</b>  |                                |  |
| CAS number: 106-65-0   | EC number: 203-419-9           | REACH registration number: 01-2119486681-29      |
| <b>Classification</b><br>Eye Irrit. 2 - H319   |                                |  |

## Buster Bulk

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |  |
|----------------------------|--|
| <b>General information</b> | Move affected person to fresh air at once. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.                 |
| <b>Inhalation</b>          | Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.       |
| <b>Ingestion</b>           | Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. |
| <b>Skin contact</b>        | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.  |
| <b>Eye contact</b>         | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.                       |

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

|                            |   |
|----------------------------|---|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
|----------------------------|---|

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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>Suitable extinguishing media</b> | Foam. Dry chemicals. Water spray. |
|-------------------------------------|-----------------------------------|

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

|                         |  |
|-------------------------|--|
| <b>Specific hazards</b> | The product is flammable. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. |
|-------------------------|--|

#### 5.3. Advice for firefighters

|   |   |
|---|---|
| <b>Protective actions during firefighting</b> | Use water to keep fire exposed containers cool and disperse vapours. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Use water spray to reduce vapours. |
|---|---|

### SECTION 6: Accidental release measures

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

#### 6.2. Environmental precautions

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. |
|----------------------------------|---|

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

## Buster Bulk

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Use good earthing procedures when decanting from container.

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

**Storage precautions** Keep away from oxidising materials, heat and flames. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### 1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m<sup>3</sup>(Sk)

#### ALIPHATIC HYDROCARBON (D40)

Long-term exposure limit (8-hour TWA): SUP 1040 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits SUP = Supplier's recommendation.

#### 1-METHOXY-2-PROPANOL (CAS: 107-98-2)

**DNEL** Industry - Inhalation; Short term local effects: 553.5 mg/m<sup>3</sup>  
 Industry - Dermal; Long term systemic effects: 369 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term systemic effects: 369 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 43.9 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day

**PNEC** - Fresh water; 10 mg/l  
 - marine water; 1 mg/l  
 - STP; 100 mg/l  
 - Sediment (Freshwater); 41.6 mg/kg  
 - Sediment (Marinewater); 4.17 mg/l  
 - Soil; 2.47 mg/kg  
 - Intermittent release; 100 mg/l

#### ALIPHATIC HYDROCARBON (D40)

## Buster Bulk

|             |   |
|-------------|---|
| <b>DNEL</b> | Workers - Dermal; Long term systemic effects: 300 mg/kg/day<br>Workers - Inhalation; Long term systemic effects: 1500 mg/m <sup>3</sup><br>Consumer - Dermal; Long term systemic effects: 300 mg/kg<br>Consumer - Inhalation; Long term systemic effects: 900 mg/m <sup>3</sup><br>Consumer - Oral; Long term systemic effects: 300 mg/kg/day |
|-------------|---|

### 8.2. Exposure controls

|   |  |
|---|--|
| <b>Appropriate engineering controls</b> | Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.  |
| <b>Personal protection</b>              | When using do not smoke  |
| <b>Eye/face protection</b>              | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.   |
| <b>Hand protection</b>                  | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). |
| <b>Hygiene measures</b>                 | Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin.  |
| <b>Respiratory protection</b>           | If ventilation is inadequate, suitable respiratory protection must be worn.  |

## SECTION 9: Physical and chemical properties

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

|  |  |
|--|--|
| <b>Appearance</b>                      | Colourless liquid.                                       |
| <b>Colour</b>                          | Colourless.  |
| <b>Odour</b>                           | Organic solvents.  |
| <b>Melting point</b>                   | -95°C  |
| <b>Initial boiling point and range</b> | 120°C @  |
| <b>Flash point</b>                     | 32°C   |
| <b>Relative density</b>                | 0.90 @ °C  |
| <b>Solubility(ies)</b>                 | Slightly soluble in water.                               |
| <b>Comments</b>                        | Information given is applicable to the major ingredient. |

### 9.2. Other information

|                                  |   |
|----------------------------------|---|
| <b>Other information</b>         | Not available.  |
| <b>Volatile organic compound</b> | This product contains a maximum VOC content of 740 g/l. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | Stable at normal ambient temperatures and when used as recommended. |
|-------------------|---|

### 10.2. Chemical stability

|                  |   |
|------------------|---|
| <b>Stability</b> | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---|

### 10.3. Possibility of hazardous reactions

|   |   |
|---|---|
| <b>Possibility of hazardous reactions</b> | Does not decompose when used and stored as recommended. |
|---|---|

## Buster Bulk

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidising agents. Reducing agents.

### 10.5. Incompatible materials

**Materials to avoid** Keep away from oxidising materials, heat and flames.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 43,478.26

**Inhalation** Vapours have a narcotic effect. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

**Ingestion** May cause nausea, headache, dizziness and intoxication.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.

**Acute and chronic health hazards** Irritating to skin. Gas or vapour in high concentrations may irritate the respiratory system.

**Route of exposure** Inhalation

**Target organs** Central nervous system Respiratory system, lungs

**Medical symptoms** Skin irritation. Irritation of eyes and mucous membranes. Arrhythmia (deviation from normal heart beat). Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

#### Toxicological information on ingredients.

### 1-METHOXY-2-PROPANOL

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 4,016.0

**Species** Rat

**ATE oral (mg/kg)** 4,016.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 13,000.0

**Species** Rabbit

**ATE dermal (mg/kg)** 13,000.0

## Buster Bulk

### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l) 54.6

Species Rat

ATE inhalation (dusts/mists mg/l) 54.6

### ALIPHATIC HYDROCARBON (D40)

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 5,000.0

Species Rabbit

ATE dermal (mg/kg) 5,000.0

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l) 5.0

Species Rat

### Alcohol ethoxylate

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,000.0

Species Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,000.0

Species Rat

### Alcohol Ethoxylate

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,378.0

Species Rat

ATE oral (mg/kg) 1,378.0

## Buster Bulk

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** Not available.

### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

|   |  |
|---|--|
| <b>Toxicity</b>                               | Not available.   |
| <b><u>Acute aquatic toxicity</u></b>          |  |
| <b>Acute toxicity - fish</b>                  | LC <sub>50</sub> , 96 hours: 6812 mg/l, Leuciscus idus (Golden orfe)<br>LC <sub>50</sub> , 96 hours: 20800 mg/l, Pimephales promelas (Fat-head Minnow) |
| <b>Acute toxicity - aquatic invertebrates</b> | EC <sub>50</sub> , 48 hours: >21100 mg/l, Daphnia magna  |
| <b>Acute toxicity - aquatic plants</b>        | EC <sub>50</sub> , 7 days: >1000 mg/l, Scenedesmus subspicatus   |
| <b>Acute toxicity - microorganisms</b>        | EC <sub>50</sub> , 3 hours: >1000 mg/l, Activated sludge   |

#### ALIPHATIC HYDROCARBON (D40)

|   |   |
|---|---|
| <b><u>Acute aquatic toxicity</u></b>          |   |
| <b>Acute toxicity - fish</b>                  | LL <sub>50</sub> , 96 hours: >1000 mg/l, Oncorhynchus mykiss (Rainbow trout)  |
| <b>Acute toxicity - aquatic invertebrates</b> | EC <sub>0</sub> , 48 hours: 1000 mg/l, Daphnia magna  |
| <b>Acute toxicity - aquatic plants</b>        | EC <sub>50</sub> , : >1000 mg/l, Pseudokirchneriella subcapitata<br>NOEC, : 100 mg/l, Pseudokirchneriella subcapitata |

#### Alcohol ethoxylate

|                                      |  |
|--------------------------------------|--|
| <b><u>Acute aquatic toxicity</u></b> |  |
| <b>Acute toxicity - fish</b>         | LC <sub>50</sub> , 96 hours: 1-10 mg/l, Fish |

#### Alcohol Ethoxylate

|   |  |
|---|--|
| <b><u>Acute aquatic toxicity</u></b>          |  |
| <b>Acute toxicity - fish</b>                  | EC <sub>50</sub> , 96 hours: 8.5 mg/l, Pimephales promelas (Fat-head Minnow)   |
| <b>Acute toxicity - aquatic invertebrates</b> | EC <sub>50</sub> , <24 hours: 5.36 mg/l, Ceriodaphnia dubia (water flea)<br>EC <sub>50</sub> , 48 hours: 2.686 mg/l, Daphnia magna |

### 12.2. Persistence and degradability

**Persistence and degradability** Not available.

### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

|                                      |                            |
|--------------------------------------|----------------------------|
| <b>Persistence and degradability</b> | Not available.             |
| <b>Biodegradation</b>                | - Degradation 96%: 28 days |



## Buster Bulk

### Alcohol Ethoxylate

**Biodegradation** - 76%: 28 days

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

#### Ecological information on ingredients.

### 1-METHOXY-2-PROPANOL

**Bioaccumulative potential** Not available.

**Partition coefficient** log Kow: -0.43

#### 12.4. Mobility in soil

**Mobility** Not known.

#### Ecological information on ingredients.

### 1-METHOXY-2-PROPANOL

**Mobility** Not known.

**Henry's law constant** ~ 0.0000014 atm m<sup>3</sup>/mol @ °C

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not available.

#### Ecological information on ingredients.

### 1-METHOXY-2-PROPANOL

**Results of PBT and vPvB assessment** Not available.

#### 12.6. Other adverse effects

**Other adverse effects** Not available.

#### Ecological information on ingredients.

### 1-METHOXY-2-PROPANOL

**Other adverse effects** Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

## SECTION 14: Transport information

**General** Packs of 5L and under are not regulated under the Limited Quantities Provisions.

### 14.1. UN number

**UN No. (ADR/RID)** 1993

## Buster Bulk

UN No. (IMDG) 1993

UN No. (ICAO) 1993

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, ALIPHATIC HYDROCARBON (D40))

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, ALIPHATIC HYDROCARBON (D40))

Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, ALIPHATIC HYDROCARBON (D40))

Proper shipping name (ADN) FLAMMABLE LIQUID, N.O.S. (1-METHOXY-2-PROPANOL, ALIPHATIC HYDROCARBON (D40))

### 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID label 3

IMDG class 3

ICAO class/division 3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-E, S-E

Emergency Action Code •3Y

Hazard Identification Number (ADR/RID) 30

Tunnel restriction code (D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

## SECTION 15: Regulatory information

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

## Buster Bulk

|                             |   |
|-----------------------------|---|
| <b>National regulations</b> | The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).<br>EH40/2005 Workplace exposure limits.                     |
| <b>EU legislation</b>       | Commission Regulation (EU) No 453/2010 of 20 May 2010.  |
| <b>Guidance</b>             | Workplace Exposure Limits EH40.<br>Safety Data Sheets for Substances and Preparations.<br>Approved Classification and Labelling Guide (Sixth edition) L131. |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |  |
|----------------------------------|--|
| <b>Revision comments</b>         | Supplemental information added.  |
| <b>Revision date</b>             | 02/07/2019   |
| <b>Revision</b>                  | 3  |
| <b>SDS number</b>                | 10394  |
| <b>SDS status</b>                | Approved.  |
| <b>Hazard statements in full</b> | H226 Flammable liquid and vapour.<br>H302 Harmful if swallowed.<br>H304 May be fatal if swallowed and enters airways.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H336 May cause drowsiness or dizziness. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.