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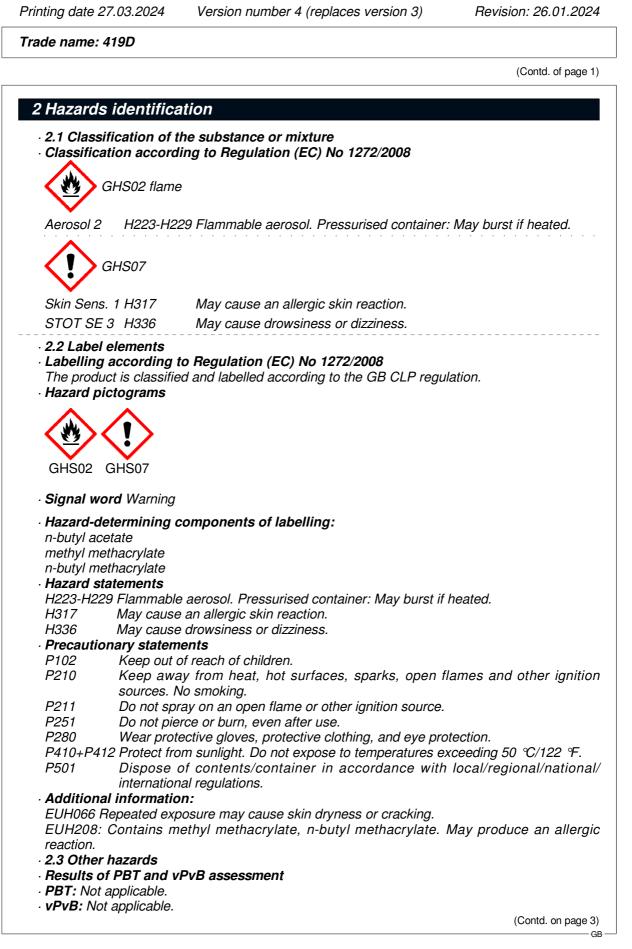
## according to Regulation (EC) No 1907/2006, Article 31

Printing date 27.03.2024 Version number 4 (replaces version 3) Revision: 26.01.2024

| 1 Identification of the substance/mixture and of the company/undertaking   |
|--|
| · 1.1 Product identifier   |
| <ul> <li>Trade name: <u>419D</u></li> <li>Other Means of Identification: Acrylic Conformal Coating (Aerosol)</li> </ul>  |
| <ul> <li>Related Part Number: 419D-Aerosol, 419D-340G</li> <li>UFI: 34A0-M030-D00G-FE71</li> <li>1.2 Relevant identified uses of the substance or mixture and uses advised against<br/>No further relevant information available.</li> <li>Application of the substance / the mixture Protective coating for printed circuit boards.</li> </ul>  |
| <ul> <li>1.3 Details of the supplier of the safety data sheet M.G. Chemicals Ltd.</li> <li>Manufacturer/Supplier:</li> </ul>   |
| MG Chemicals Ltd. (Head Office)<br>1210 Corporate Drive<br>Burlington, Ontario L7L 5R6<br>CANADA<br>+(1) 800-340-0772  |
| MG Chemicals<br>Heame House, 23 Bliston Street<br>Sedgely Dudley DY3 1JA.<br>UNITED KINGDOM<br>+(44) 1663 362888 sales@mgchemicals.com   |
| MG Chemicalst Ltd.<br>Level 2, Vision Exchange, Building Territorials Street,<br>Zone 1, Central Business, District,<br>Birkirkara CBD 1070,<br>MALTA  |
| <ul> <li>Further information obtainable from: sds@mgchemicals.com</li> <li>1.4 Emergency telephone number:<br/>Members of the public seeking specific information on poisons should contact:<br/>In England and Wales: NHS 111 - dial 111<br/>In Scotland: NHS 24 - dial 111<br/>Verisk 3E (Access code: 335388), +(44) 20 3514787<br/>Other emergency telephone numbers: +(0) 800 680 0425</li> </ul> |
| For hazardous material incidents ONLY (leaks, spills, fires, exposures or accidents)<br>USA or CANADA-Call Verisk 3E at +1-866-519-4752 or +1-760-476-3962 (Service access<br>code: 335388)  |
| For emergencies involving the transport of dangerous goods; 24/7 service<br>CANADA-Call CANUTEC collect at +1-613-996-6666 or *666 on cellular phones  |

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|---|--|--------------------------|
| Frade name: 419D  |  |                          |
| Determination of one                                      | le suine discussion nueve sties                                      | (Contd. of page 2)       |
| 78-93-3 butanone: List                                    | locrine-disrupting properties  |                          |
| 3 Composition/info  | rmation on ingredients   |                          |
| • <b>3.2 Mixtures</b><br>• <b>Description:</b> Mixture of | of substances listed below with nonhazardous a                       | additions.               |
| · Dangerous compone                                       | ents:  |                          |
|   | methyl ether<br>> Flam. Gas 1A, H220; Press. Gas (Comp.), H          | 40.0%<br>280             |
| CAS: 123-86-4 n-  | butyl acetate<br>> Flam. Liq. 3, H226; <b>()</b> STOT SE 3, H336, EL | 35.0%                    |
| CAS: 78-93-3 bi<br>EINECS: 201-159-0 🍪                    | utanone<br>> Flam. Liq. 2, H225;                                     | 7.0%                     |
| CAS: 108-65-6 2-<br>EINECS: 203-603-9 📀                   | methoxy-1-methylethyl acetate<br>Flam. Lig. 3, H226                  | 4.0%                     |
| CAS: 80-62-6 m<br>EINECS: 201-297-1 🔞                     | ethyl methacrylate<br>> Flam. Liq. 2, H225;                          | 0.1%<br>n Sens. 1, H317; |
| 3   | butyl methacrylate   | 0.1%                     |
| CAS: 97-88-1 n-<br>EINECS: 202-615-1 🔞                    | > Flam. Liq. 3, H226;  | e Imil. 2, H319;         |

### 4 First aid measures

· 4.1 Description of first aid measures

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.

• **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

• **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

## 5 Firefighting measures

· 5.1 Extinguishing media

- Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. • 5.2 Special hazards arising from the substance or mixture

Vapors are heavier than air. Vapors may travel to sources of ignition near the ground. They can cause flash fire or ignite explosively.

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- · 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

#### 6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7 Handling and storage

• 7.1 Precautions for safe handling No special precautions are necessary if used correctly. • Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- · 7.3 Specific end use(s) No further relevant information available.

#### 8 Exposure controls/personal protection

· 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

- 115-10-6 dimethyl ether
- WEL Short-term value: 958 mg/m<sup>3</sup>, 500 ppm Long-term value: 766 mg/m<sup>3</sup>, 400 ppm

#### 123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

#### 78-93-3 butanone

WEL Short-term value: 899 mg/m<sup>3</sup>, 300 ppm Long-term value: 600 mg/m<sup>3</sup>, 200 ppm Sk, BMGV

#### 108-65-6 2-methoxy-1-methylethyl acetate

WEL Short-term value: 548 mg/m<sup>3</sup>, 100 ppm Long-term value: 274 mg/m<sup>3</sup>, 50 ppm Sk

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|--|----------------------------|---------------|-----------------------------|
| Frade name: 419D   |                            |               |                             |
|  |                            |               | (Contd. of page 4)          |
| 80-62-6 methyl methacryla  | te                         |               |                             |
| WEL Short-term value: 416  | mg/m³, 100 ppm             |               |                             |
| Long-term value: 208 r   |                            |               |                             |
| <ul> <li>Ingredients with biologica</li> </ul>                             | l limit values:            |               |                             |
| 78-93-3 butanone   |                            |               |                             |
| BMGV 70 μmol/L   |                            |               |                             |
| Medium: urine  | 1.10                       |               |                             |
| Sampling time: post :  |                            |               |                             |
| Parameter: butan-2-o<br>• Additional information: Th                       |                            | ina were use  | nd as hasis                 |
|  | ie noto vana dunny the mar | ang were use  |                             |
| 8.2 Exposure controls  | ontrolo No further datas   | no postion 7  |                             |
| Appropriate engineering c     Individual protection meas                   |                            |               | winment                     |
| General protective and hy  |                            | noiective eq  |                             |
| Immediately remove all soile   |                            | ng            |                             |
| Wash hands before breaks a   | and at the end of work.    | 0             |                             |
| Respiratory protection: No   | ot required.               |               |                             |
| Hand protection  |                            |               |                             |
| Protective gloves  |                            |               |                             |
| The glove material has to b<br>preparation.<br>Due to missing tests no rec | -                          | -             |                             |
| the preparation/ the chemica   |                            | material can  | i be given for the product  |
| Selection of the glove mate  |                            | e penetratio  | n times, rates of diffusior |
| and the degradation  |                            |               |                             |
| • Material of gloves   | alawaa daga nat anku dan   | and an the m  | starial but also an furthe  |
| The selection of the suitable<br>marks of quality and vari                 |                            |               |                             |
| preparation of several subst   |                            |               |                             |
| in advance and has therefor  |                            |               |                             |
| Penetration time of glove  |                            |               |                             |
| The exact break through the  |                            | by the manu   | facturer of the protective  |
| gloves and has to be observ<br>• Eye/face protection Not red               |                            |               |                             |
|  |                            |               |                             |
|  |                            |               |                             |
| 9 Physical and chemica   | l properties               |               |                             |
| 9.1 Information on basic p   | hysical and chemical pro   | perties       |                             |
| General Information  | A                          |               |                             |
| <ul> <li>Physical state</li> <li>Colour:</li> </ul>                        | Aerosol                    | ng to product | specification               |
| · Odour:   | Characte                   |               | specification               |
| Odour threshold:   | Not dete                   |               |                             |
| Malting paint/freezing pai   |                            | minod         |                             |

- Odour threshold:
  Melting point/freezing point:
  Boiling point or initial boiling point and boiling range
  Flammability
  Lower and upper explosion limit

- · Lower:

Undetermined.

80 °C Not applicable.

2 Vol %

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|---|--|
| Upper:  | 11 Vol %   |
| Flash point:  | 9 °C   |
| Auto-ignition temperature:  | 226 °C   |
| Decomposition temperature:  | Not determined.  |
| pH .  | Not determined.  |
| Viscosity:  |  |
| Kinematic viscosity   | Not determined.  |
| Dynamic:  | Not determined.  |
| Solubility  |  |
| water:  | Not miscible or difficult to mix.  |
| Partition coefficient n-octanol/water (log  |  |
| value)  | Not determined.  |
| Vapour pressure at 20 °C:   | 5,200 hPa (115-10-6 dimethyl ether)  |
| Density and/or relative density   |  |
| Density at 20 °C:   | 0.91 g/cm³   |
| Relative density  | Not determined.  |
|   | 776–777 kg/m <sup>3</sup>  |
| Bulk density:<br>Vanour density   | Not determined.  |
| Vapour density  |  |
| 9.2 Other information   |  |
| Appearance:   |  |
| Form:   | Aerosol  |
| Important information on protection   |  |
| health and environment, and on safety.  |  |
| Ignition temperature:   | Product is not selfigniting.   |
| Explosive properties:   | Product is not explosive. However, formatio  |
|   | of explosive air/vapour mixtures are possible.   |
| Solvent content:  |  |
| Organic solvents:   | 86.0 %   |
|   | 86.00 %  |
| VOC (EC)<br>Solids content:   | 13.8 %   |
|   | 13.0 %   |
| Change in condition   | Natarriachla   |
| Evaporation rate  | Not applicable.  |
| Information with regard to physical haza  | rd   |
| classes   |  |
| Explosives  |  |
| Explosites  | Void   |
|   | Vola<br>Void   |
| Flammable gases   | Void   |
| Flammable gases   | Void<br>Flammable aerosol. Pressurised contained   |
| Flammable gases<br>Aerosols   | Void<br>Flammable aerosol. Pressurised containe<br>May burst if heated.  |
| Flammable gases<br>Aerosols<br>Oxidising gases  | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void   |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure  | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void<br>Void   |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids   | Void<br>Flammable aerosol. Pressurised container<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void                                 |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids   | Void<br>Flammable aerosol. Pressurised container<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void                         |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures  | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void                 |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids  | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void         |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids   | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids<br>Self-heating substances and mixtures   | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids<br>Self-heating substances and mixtures<br>Substances and mixtures, which emit  | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids<br>Self-heating substances and mixtures<br>Substances and mixtures, which emit<br>flammable gases in contact with water   | Void<br>Flammable aerosol. Pressurised contained<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids<br>Self-heating substances and mixtures<br>Substances and mixtures, which emit<br>flammable gases in contact with water<br>Oxidising liquids  | Void<br>Flammable aerosol. Pressurised container<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids<br>Self-heating substances and mixtures<br>Substances and mixtures, which emit<br>flammable gases in contact with water<br>Oxidising liquids<br>Oxidising solids                      | Void<br>Flammable aerosol. Pressurised container<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids<br>Self-heating substances and mixtures<br>Substances and mixtures, which emit<br>flammable gases in contact with water<br>Oxidising liquids<br>Oxidising solids<br>Organic peroxides | Void<br>Flammable aerosol. Pressurised container<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |
| Flammable gases<br>Aerosols<br>Oxidising gases<br>Gases under pressure<br>Flammable liquids<br>Flammable solids<br>Self-reactive substances and mixtures<br>Pyrophoric liquids<br>Pyrophoric solids<br>Self-heating substances and mixtures<br>Substances and mixtures, which emit<br>flammable gases in contact with water<br>Oxidising liquids  | Void<br>Flammable aerosol. Pressurised container<br>May burst if heated.<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void<br>Void |

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· Desensitised explosives

Void

## 10 Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

## 11 Toxicological information

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

- · Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:

#### 115-10-6 dimethyl ether

Inhalative LC50/4 h 308 mg/l (rat)

#### 123-86-4 n-butyl acetate

 Oral
 LD50
 13,100 mg/kg (rat)

 Dermal
 LD50
 >5,000 mg/kg (rabbit)

 Inhalative
 LC50/4 h >21 mg/l (rat)

#### 78-93-3 butanone

Oral LD50 3,300 mg/kg (rat)

Dermal LD50 5,000 mg/kg (rabbit)

108-65-6 2-methoxy-1-methylethyl acetate

Oral LD50 8,532 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

#### 80-62-6 methyl methacrylate

Oral LD50 7,872 mg/kg (rat)

#### 97-88-1 n-butyl methacrylate

Oral LD50 22,600 mg/kg (rat)

Dermal LD50 11,300 mg/kg (rabbit)

Inhalative LC50/4 h 4.910 mg/l (rat)

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

- · Serious eye damage/irritation
- Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation May cause an allergic skin reaction.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure May cause drowsiness or dizziness.

· STOT-repeated exposure Based on available data, the classification criteria are not met.

• Aspiration hazard Based on available data, the classification criteria are not met.

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- · 11.2 Information on other hazards
- Endocrine disrupting properties

78-93-3 butanone: List II

## 12 Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties
- For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects
- · Additional ecological information:
- General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

#### 13 Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

HP3 Flammable

HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

- · Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

#### 14 Transport information

- · 14.1 UN number or ID number
- · ADR, IMDG, IATA
- · 14.2 UN proper shipping name
- · ADR
- ·IMDG
- · IATA

UN1950

1950 AEROSOLS AEROSOLS Aerosols, flammable

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| rade name: 419D  |   |
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| <ul> <li>14.3 Transport hazard class(es)</li> </ul>  |   |
| ADR  |   |
|  |   |
|  |   |
| 2  |   |
| · Class  | 2 5F Gases.   |
| · Label  | 2.1   |
| · IMDG, IATA   |   |
|  |   |
|  |   |
|  |   |
|  | 2.1 Gases.  |
| · Label  | 2.1   |
| · 14.4 Packing group   |   |
| · ADR, IMDG, IATA  | not regulated   |
| <ul> <li>14.5 Environmental hazards:</li> <li>14.6 Special precautions for user</li> </ul> | Not applicable.<br>Warning: Gases.                                      |
| Hazard identification number (Kemler   | warning. Cases.   |
| code):   | -   |
| EMS Number:  | F-D,S-U   |
| · Stowage Code   | SW1 Protected from sources of heat.<br>SW22 For AEROSOLS with a maximun |
|  | capacity of 1 litre: Category A. For AEROSOLS                           |
|  | with a capacity above 1 litre: Category B. Fo                           |
|  | WASTE AEROSOLS: Category C, Clear o                                     |
| · Segregation Code   | living quarters.<br>SG69 For AEROSOLS with a maximun                    |
| Segregation Code   | capacity of 1 litre:  |
|  | Segregation as for class 9. Stow "separated                             |
|  | from" class 1 except for division 1.4.                                  |
|  | For AEROSOLS with a capacity above 1 litre:                             |
|  | Segregation as for the appropriate subdivision o<br>class 2.            |
|  | For WASTE AEROSOLS:   |
|  | Segregation as for the appropriate subdivision o                        |
| 117 Maritima transport in bull according   | class 2.  |
| <ul> <li>14.7 Maritime transport in bulk accordir<br/>to IMO instruments</li> </ul>        | <i>ng</i><br>Not applicable.  |
| · Transport/Additional information:  |   |
| ADR  |   |
| Limited quantities (LQ)  | 1L  |
| Excepted quantities (EQ)   | Code: E0  |
| Trapapart astagory   | Not permitted as Excepted Quantity                                      |
| Transport category     Tunnel restriction code   | 2<br>D  |
|  |   |
| · IMDG<br>· Limited quantities (LQ)  | 1L  |
| Excepted quantities (EQ)   | Code: E0  |
|  | Not permitted as Excepted Quantity                                      |
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· UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

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## 15 Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act
- · Regulated explosives precursors
- None of the ingredients is listed.
- · Regulated poisons
- None of the ingredients is listed.
- Reportable explosives precursors
- None of the ingredients is listed.
- Reportable poisons
   None of the ingredients is listed.
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II
- None of the ingredients is listed.
- REGULATION (EU) 2019/1148
   <u>Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose</u> of licensing under Article 5(3))

None of the ingredients is listed.

- Annex II REPORTABLE EXPLOSIVES PRECURSORS
- None of the ingredients is listed.
- Regulation (EC) No 273/2004 on drug precursors

78-93-3 butanone: 3

• <u>Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between</u> the Community and third countries in drug precursors

78-93-3 butanone: 3

- · 15.2 Chemical safety assessment:
- A Chemical Safety Assessment has not been carried out.

## 16 Other information

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.

#### · Relevant phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

(Contd. on page 11)

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Printing date 27.03.2024

| Trade name: 419D   |
|--|
| (Contd. of page 10)<br>H335 May cause respiratory irritation.<br>H336 May cause drowsiness or dizziness.<br>EUH066 Repeated exposure may cause skin dryness or cracking.   |
| <ul> <li>Department issuing SDS: Product safety department.</li> <li>Contact: sds@mgchemicals.com</li> <li>Date of previous version: 28.09.2023</li> <li>Version number of previous version: 3</li> <li>Abbreviations and acronyms:</li> <li>ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)</li> <li>IMDG: International Maritime Code for Dangerous Goods by Road)</li> <li>IMDG: International Maritime Code for Dangerous Goods</li> <li>IATA: International Abstracts Service (division of the American Chemical Society)</li> <li>VOC: Volatile Organic Compounds (USA, EU)</li> <li>LOS0: Lethal dose, 50 percent</li> <li>PBT: Persistent, Bioaccumulative and Toxic</li> <li>vPWB: very Persistent and very Bioaccumulative</li> <li>Flam. Gas 1A: Flammable gases – Category 1A</li> <li>Aerosol 2: Aerosols – Category 2</li> <li>Flam. Lig. 2: Flammable liquids – Category 2</li> <li>Flam. Lig. 3: Flammable liquids – Category 2</li> <li>Skin Inti. 2: Skin corrosion/irritation – Category 2</li> <li>Skin Sens. 1: Skin sensitisation – Category 1</li> <li>ST</li></ul> |

Revision: 26.01.2024