

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 7/27/2021  
Revision date: 4/16/2025 Supersedes version of: 7/27/2021 Version: 2.0

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

### 1.1. Product identifier

Product form : Mixture  
Product name : G+ Pro Electrical Contact Cleaner  
Product code : 1085  
UFI : 9220-108D-P00E-9YMC  
Vaporizer : Aerosol

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

#### Relevant identified uses

Intended for general public

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

**Granville Oil & Chemicals Ltd**  
29 Goldthorpe Ind. Est  
Goldthorpe  
Rotherham  
South Yorkshire  
S63 9BL  
T 01709 890099  
lab@granvilleoil.com

**Veedol Ireland Ltd**  
77 Camden Street Lower  
Saint Kevin's  
Dublin  
Ireland  
D02 XE80  
T +353 151 363 47

### 1.4. Emergency telephone number

Emergency number : +44 (0)1709 890099

| Country/Area   | Organisation/Company   | Address                | Emergency number | Comment                           |
|----------------|--|------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH | 0344 892 0111    | Only for healthcare professionals |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229  
Skin corrosion/irritation, Category 2 H315  
Specific target organ toxicity – Single exposure, Category 3, H336  
Narcosis  
Hazardous to the aquatic environment – Chronic Hazard, H411  
Category 2  
Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes skin irritation. Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS07

GHS09

|                                |  |
|--------------------------------|--|
| Signal word (CLP)              | : Danger   |
| Contains                       | : HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE  |
| UFI                            | : 9220-108D-P00E-9YMC  |
| Hazard statements (CLP)        | : H222 - Extremely flammable aerosol.<br>H229 - Pressurised container: May burst if heated.<br>H315 - Causes skin irritation.<br>H336 - May cause drowsiness or dizziness.<br>H411 - Toxic to aquatic life with long lasting effects.  |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children.<br>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.<br>No smoking.<br>P211 - Do not spray on an open flame or other ignition source.<br>P251 - Do not pierce or burn, even after use.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name  | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|--|---------|--|
| PETROLEUM GASES, LIQUEFIED  | CAS-No.: 68476-85-7<br>EC-No.: 270-704-2<br>EC Index-No.: 649-202-00-6 | 30 – 50 | Flam. Gas 1, H220  |
| HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE | EC-No.: 921-024-6<br>REACH-no: 2119475514-35-XXXX                      | 30 – 50 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| HYDROCARBONS, C6, ISOALKANES, <5% N-HEXANE                        | CAS-No.: 64742-49-0<br>EC-No.: 931-254-9<br>REACH-no: 01-2119484651-34 | 10 – 30 | Flam. Liq. 2, H225<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| PROPAN-2-OL   | CAS-No.: 67-63-0<br>EC-No.: 200-661-7<br>EC Index-No.: 603-117-00-0    | 1 – 10  | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  |

Product subject to CLP Annex I, item 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                     |  |
|-------------------------------------|--|
| First-aid measures general          | : Call a poison center or a doctor if you feel unwell.           |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |

|                                       |  |
|---------------------------------------|--|
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.   |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |
| First-aid measures for first aider    | : First aid workers will be equipped with suitable personal protective equipment.  |

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

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Symptoms/effects                    | : May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation   | : None under normal conditions.      |
| Symptoms/effects after skin contact | : Irritation.                        |
| Symptoms/effects after eye contact  | : None under normal conditions.      |
| Symptoms/effects after ingestion    | : None under normal conditions.      |

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|  |   |
|--|---|
| Fire hazard                                      | : Extremely flammable aerosol.                |
| Explosion hazard                                 | : Pressurised container: May burst if heated. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.                |

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

### SECTION 6: Accidental release measures

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

|                  |   |
|------------------|---|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|---|

##### For non-emergency personnel

|                      |   |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment.   |
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. |

##### For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so.   |

#### 6.2. Environmental precautions

Avoid release to the environment.

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

|                 |   |
|-----------------|---|
| For containment | : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
|-----------------|---|

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.  
Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.  
Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed.  
Packaging materials : Store always product in container of same material as original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

National occupational exposure and biological limit values

#### PETROLEUM GASES, LIQUEFIED (68476-85-7)

##### United Kingdom - Occupational Exposure Limits

|                     |                          |
|---------------------|--------------------------|
| WEL TWA (OEL TWA)   | < 1750 mg/m <sup>3</sup> |
| WEL STEL (OEL STEL) | < 2180 mg/m <sup>3</sup> |

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Personal protective equipment symbol(s):



**Eye and face protection****Eye protection:**

Safety glasses

**Skin protection****Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

**Respiratory protection****Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

**Environmental exposure controls****Environmental exposure controls:**

Avoid release to the environment.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|   |   |
|---|---|
| Physical state                                  | : Liquid                                      |
| Colour  | : Colourless.                                 |
| Odour   | : characteristic.                             |
| Odour threshold                                 | : Not available                               |
| Melting point                                   | : Not applicable                              |
| Freezing point                                  | : Not available                               |
| Boiling point                                   | : Not available                               |
| Flammability                                    | : Extremely flammable aerosol.                |
| Explosive properties                            | : Pressurised container: May burst if heated. |
| Lower explosion limit                           | : Not available                               |
| Upper explosion limit                           | : Not available                               |
| Flash point                                     | : < 23 °C                                     |
| Auto-ignition temperature                       | : Not available                               |
| Decomposition temperature                       | : Not available                               |
| pH  | : Not available                               |
| Viscosity, kinematic                            | : Not available                               |
| Solubility                                      | : Not available                               |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                               |
| Vapour pressure                                 | : Not available                               |
| Vapour pressure at 50°C                         | : Not available                               |
| Density   | : Not available                               |
| Relative density                                | : Not available                               |
| Relative vapour density at 20°C                 | : Not available                               |
| Particle characteristics                        | : Not applicable                              |

**9.2. Other information****Information with regard to physical hazard classes**

% of flammable ingredients : 100 %

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Extremely flammable aerosol. Pressurised container: May burst if heated.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

## 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

## 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

### PROPAN-2-OL (67-63-0)

|                             |             |
|-----------------------------|-------------|
| LD50 oral rat               | 5840 mg/kg  |
| LD50 dermal rabbit          | 12800 mg/kg |
| LC50 Inhalation - Rat [ppm] | 10000 ppm   |

Skin corrosion/irritation : Causes skin irritation.

### PROPAN-2-OL (67-63-0)

|    |         |
|----|---------|
| pH | Neutral |
|----|---------|

Serious eye damage/irritation : Not classified

### PROPAN-2-OL (67-63-0)

|    |         |
|----|---------|
| pH | Neutral |
|----|---------|

Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : May cause drowsiness or dizziness.

### PROPAN-2-OL (67-63-0)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

### HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

### HYDROCARBONS, C6, ISOALKANES, <5% N-HEXANE (64742-49-0)

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

**GRANVILLE G+ PRO ELECTRICAL CONTACT CLEANER 1085 NPD9378**

Vaporizer

Aerosol

**11.2. Information on other hazards**

No additional information available

**SECTION 12: Ecological information**
**12.1. Toxicity**

Ecology - general : Toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term : Not classified  
(acute)  
Hazardous to the aquatic environment, long-term : Toxic to aquatic life with long lasting effects.  
(chronic)

**12.2. Persistence and degradability**
**GRANVILLE G+ PRO ELECTRICAL CONTACT CLEANER 1085 NPD9378**

Persistence and degradability

Not rapidly degradable

**PROPAN-2-OL (67-63-0)**

Persistence and degradability

Not rapidly degradable

**HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE**

Persistence and degradability

Not rapidly degradable

**HYDROCARBONS, C6, ISOALKANES, <5% N-HEXANE (64742-49-0)**

Persistence and degradability

Not rapidly degradable

**PETROLEUM GASES, LIQUEFIED (68476-85-7)**

Persistence and degradability

Not rapidly degradable

**12.3. Bioaccumulative potential**
**PROPAN-2-OL (67-63-0)**

Partition coefficient n-octanol/water (Log Pow)

0.05 OECD 107

**12.4. Mobility in soil**

No additional information available

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

No additional information available

**12.6. Endocrine disrupting properties**

No additional information available

**12.7. Other adverse effects**

No additional information available



## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.   |

## SECTION 14: Transport information

In accordance with ADR

| ADR                                     |   |
|---|---|
| <b>14.1. UN number or ID number</b>     |   |
|   | UN 1950   |
| <b>14.2. UN proper shipping name</b>    |   |
|   | AEROSOLS  |
| <b>Transport document description</b>   |   |
|   | UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS   |
| <b>14.3. Transport hazard class(es)</b> |   |
|   | 2.1   |
|   |   |
| <b>14.4. Packing group</b>              |   |
|   | Not applicable  |
| <b>14.5. Environmental hazards</b>      |   |
|   | Dangerous for the environment: Yes  |
| No supplementary information available  |   |

### 14.6. Special precautions for user

#### Overland transport

|   |                      |
|---|----------------------|
| Classification code (ADR)   | : 5F                 |
| Special provisions (ADR)  | : 190, 327, 344, 625 |
| Limited quantities (ADR)  | : 1I                 |
| Excepted quantities (ADR)   | : E0                 |
| Packing instructions (ADR)  | : P207, LP200        |
| Special packing provisions (ADR)  | : PP87, RR6, L2      |
| Mixed packing provisions (ADR)  | : MP9                |
| Transport category (ADR)  | : 2                  |
| Special provisions for carriage - Packages (ADR)                        | : V14                |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12          |
| Special provisions for carriage - Operation (ADR)                       | : S2                 |
| Tunnel restriction code (ADR)   | : D                  |

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations****REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: Other information****Abbreviations and acronyms:**

|         |   |
|---------|---|
| ACGIH   | American Conference of Government Industrial Hygienists   |
| ADN     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR     | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE     | Acute Toxicity Estimate   |
| BCF     | Bioconcentration factor   |
| BLV     | Biological limit value  |
| BOD     | Biochemical oxygen demand (BOD)   |
| CAS-No. | Chemical Abstract Service number  |
| CLP     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD     | Chemical oxygen demand (COD)  |
| CSA     | Chemical safety assessment  |
| DMEL    | Derived Minimal Effect level  |
| DNEL    | Derived-No Effect Level   |

**Abbreviations and acronyms:**

|         |  |
|---------|--|
| EC-No.  | European Community number  |
| EC50    | Median effective concentration   |
| ED      | Endocrine disruptor  |
| EN      | European Standard  |
| EWC     | European waste catalogue   |
| IARC    | International Agency for Research on Cancer                                  |
| IATA    | International Air Transport Association                                      |
| IMDG    | International Maritime Dangerous Goods                                       |
| LC50    | Median lethal concentration  |
| LD50    | Median lethal dose   |
| LOAEL   | Lowest Observed Adverse Effect Level   |
| Log Kow | Partition coefficient n-octanol/water (Log Kow)                              |
| Log Pow | Partition coefficient n-octanol/water (Log Pow)                              |
| MAK     | maximum workplace concentration  |
| NOAEC   | No-Observed Adverse Effect Concentration                                     |
| NOAEL   | No-Observed Adverse Effect Level   |
| NOEC    | No-Observed Effect Concentration   |
| N.O.S.  | Not Otherwise Specified  |
| OECD    | Organisation for Economic Co-operation and Development                       |
| OEL     | Occupational Exposure Limit  |
| OSHA    | Occupational Safety Health Administration                                    |
| PBT     | Persistent Bioaccumulative Toxic   |
| PNEC    | Predicted No-Effect Concentration  |
| PPE     | Personal protection equipment  |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS     | Safety Data Sheet  |
| STP     | Sewage treatment plant   |
| TF      | Technical function   |
| ThOD    | Theoretical oxygen demand (ThOD)   |
| TLM     | Median Tolerance Limit   |
| TWA     | Time Weighted Average  |
| VOC     | Volatile Organic Compounds   |
| vPvB    | Very Persistent and Very Bioaccumulative                                     |
| UFI     | Unique Formula Identifier  |

**Full text of H- and EUH-statements:**

|                   |   |
|-------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1       | Aspiration hazard, Category 1                                     |

**Full text of H- and EUH-statements:**

|               |  |
|---------------|--|
| Eye Irrit. 2  | Serious eye damage/eye irritation, Category 2                          |
| Flam. Gas 1   | Flammable gases, Category 1  |
| Flam. Liq. 2  | Flammable liquids, Category 2  |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2                                  |
| STOT SE 3     | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H220          | Extremely flammable gas.   |
| H222          | Extremely flammable aerosol.   |
| H225          | Highly flammable liquid and vapour.                                    |
| H229          | Pressurised container: May burst if heated.                            |
| H304          | May be fatal if swallowed and enters airways.                          |
| H315          | Causes skin irritation.  |
| H319          | Causes serious eye irritation.   |
| H336          | May cause drowsiness or dizziness.                                     |
| H411          | Toxic to aquatic life with long lasting effects.                       |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.