

## SAFETY DATA SHEET

In accordance with Annex II of Regulations (EC) 1907/2006 as amended by Regulation (EU) 830/2015

### 1 IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

#### 1.1 Product identifier

Product Name: Super G9

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

Glass Cleaner - For professional use only

#### Uses advised against:

Uses other than those identified are not recommended

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

Company Name: Gannon Chemicals Ltd  
Ballindine, Claremorris  
Co. Mayo, Ireland  
Email address of SDS author: paul@gannonchemicals.ie

#### 1.4 Emergency Telephone Number

Members of Public: +353 (1) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)  
Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flammable liquids (Category 2), H225

Eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336.

#### 2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Warning

#### Hazard statement(s)

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

#### Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P261 Avoid breathing vapours.

P280 Wear protective gloves/protective clothing/eye protection/face protection

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Supplemental Hazard: None

### 2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Product/Ingredient Name	CAS No.	Weight %	EC Number	Regulation (EC) No 1272/2008 [CLP]
Propan-2-ol	67-63-0	20-30	200-661-7	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
2-Butoxyethanol	111-76-2	20-30	203-905-0	Acute Tox. 4: H302 Acute Tox. 4: H312 Acute Tox. 4: H332 Skin Irrit. 2: H315 Eye Irrit. 2: H319
Bis(2-ethylhexyl) sulfosuccinatesodium salt	577-11-7	1-5	209-406-4	Skin Irrit. 2; H315 Eye Dam. 1; H318

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

- |       |                                    |   |
|-------|------------------------------------|---|
| 4.1.1 | General Information                | Immediately remove contaminated clothing.   |
| 4.1.2 | Following Inhalation               | Keep patient calm, remove to fresh air, and seek medical attention.   |
| 4.1.3 | following skin contact             | Wash thoroughly with soap and water.  |
| 4.1.4 | Following Eye Contact              | Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. |
| 4.1.5 | Following Ingestion                | Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.                               |
| 4.1.6 | Self-protection of the first aider |   |

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

Symptoms: Eye irritation, skin irritation

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## 5 FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Unsuitable extinguishing media:

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

Harmful vapours  
Evolution of fumes/fog, Carbon oxides. The substances/groups of substances mentioned can be released in case of fire.

### 5.3 Advice for fire-fighters

Special protective equipment: Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

### 5.4 Additional information

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

## 6 ACCIDENTAL RELEASE MEASURES

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

Use personal protective clothing. Ensure adequate ventilation.

Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Information regarding personal protective measures see, chapter 8.

### 6.2 Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

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

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

### 6.4 Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

## 7 HANDLING AND STORAGE

- |     |  |  |
|-----|--|--|
| 7.1 | Precautions for safe handling                                | Ensure there is sufficient ventilation of the area.  |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store at normal room temperature and keep container tightly closed. Keep out of reach of children. No special precautions necessary for protection against fire and explosion. Store away from strong acids. |
| 7.3 | Precautions for safe handling                                | For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.   |

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1. Control parameters

Components with workplace control parameters

Component	CAS No.	Value	Control Parameters	Basis
Propan-2-ol	67-63-0	OELV - 8 hrs (TWA)	200 ppm	Ireland. List of Chemical Agents and Occupational Exposure Limit Values - Schedule 1
2-Butoxyethanol	111-76-2	TWA	20 ppm 98 mg/m <sup>3</sup>	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

### 8.2. Exposure controls

Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

#### Hand protection:

Chemical resistant protective gloves (EN 374)

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): nitrile rubber (NBR) - 0.4 mm coating thickness.

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Manufacturer's directions for use should be observed because of great diversity of types.

#### Eye protection:

Tightly fitting safety goggles (cage goggles) (e.g. EN 166) and face shield.

**Body protection:**

Impervious clothing, Flame retardant antistatic protective clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**General safety and hygiene measures**

Wearing of closed work clothing is recommended. Handle in accordance with good industrial hygiene and safety practice.

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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**9.1. Information on basic physical and chemical properties**

(a)	Form	Liquid
(b)	Colour	Yellow
(c)	Odour	Alcohol-like
(d)	pH value(1% solution)	7.0
(e)	Melting point/range (°C):	Not Determined
(f)	Initial boiling point/range (°C):	82 °C - lit.
(g)	Decomposition temperature (°C)	The mixture is not classified self-reactive
(h)	Flash point (°C):	25 °C
(i)	Ignition temperature (°C)	Not Determined
(j)	Vapour pressure (hPa) at ...°C)	Not Determined
(k)	Vapour density (air=1)	Not Determined
(l)	Density (g/cm <sup>3</sup> ) at 20°C	0.9
(m)	Bulk density (kg/m <sup>3</sup> )	Not Determined
(n)	Water solubility (20°C in g/l)	Completely
(o)	Solubility(ies):	Not Determined
(p)	Partition coefficient	log Pow: 0.05
(q)	Viscosity, dynamic (mPa s):	Not Determined

**9.2 Other information**

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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**10.1 Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

**10.2 Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

**10.3 Possibility of hazardous reactions**

Solvent vapours may form explosive mixtures with air.

**10.4 Conditions to avoid**

See MSDS section 7 - Handling and storage.

**10.5 Incompatible materials**

Substances to avoid: Halogens, Acids, Reactive Chemicals

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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**11.2.2 Mixtures**

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

Substance	Acute toxicity	Skin corrosion/irritation	Serious eye damage/eye irritation	Respiratory or skin sensitisation
Propan-2-ol	LD50 Oral - rat - 5,045 mg/kg	Skin - rabbit	Eyes - rabbit	No Data Available

	LC50 Inhalation - rat - 8 h - 16000 ppm LD50 Dermal - rabbit - 12,800 mg/kg	Result: Mild skin irritation	Result: Eye irritation - 24 h	
2-Butoxyethanol	LD50 Oral - rat - 470 mg/kg LC50 Inhalation - rat - 4 h - 450 ppm	Skin - rabbit Result: Open irritation test	Eyes - rabbit Result: Moderate eye irritation-24 h	No Data Available
Bis(2-ethylhexyl) sulfosuccinatesodium salt	LD50 Oral - rat - male and female - > 3,000 mg/kg LD50 Dermal - rabbit - male - > 10,000 mg/kg	Skin - rabbit Result: Irritating to skin. - 4 h	Eyes - rabbit Result: Risk of serious damage to eyes. - 72 h	No Data Available

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## 12 ECOLOGICAL INFORMATION

Substance	Toxicity	Persistence and Degradability	Bioaccumulative potential	Mobility in soil
Propan-2-ol	LC50 - Pimephales promelas (fathead minnow) 9,640.00 mg/l 96h EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h	No Data Available	No Data Available	No Data Available
2-Butoxyethanol	LC50 - other fish - 220 mg/l - 96 h EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h	Ratio BOD/ThBOD 88 %	No Data Available	No Data Available
Bis(2-ethylhexyl) sulfosuccinatesodium salt	LC50 - Danio rerio (zebra fish) - 49 mg/l - 96 h	Aerobic - Exposure time 28 d Result: 91.2 % - Readily biodegradable.	Oncorhynchus mykiss (rainbow trout) - 72 h - 5.5 µg/l Bioconcentration factor (BCF): 3.78	No Data Available

#### Results of PBT and vPvB assessment

The product does not fulfil the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

## 13 DISPOSAL

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. For small quantities, dilute with water to at least 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities dispose of safely as commercial waste.

#### 13.1 Waste treatment methods

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

## 14 TRANSPORT INFORMATION



### ADR, RID, ADN, IMO/IMDG, ICAO/IATA

14.1 UN number:	1987
14.2 UN proper shipping name:	Alcohols, N.O.S. (Propan-2-ol, 2-Butoxyethanol)
14.3 Transport hazard class(es):	
Class:	3
Label(s):	3
14.4 Packing group:	III
14.5 Environmental hazards:	
Environmentally hazardous:	No
Marine pollutant:	No
14.6 Special precautions for user:	None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

#### Other relevant information:

##### ADR

Classification code:	F1
Tunnel restriction code:	D/E
Hazard identification number:	33

##### IMO/IMDG

##### EmS: F-A, S-B

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

## 15 REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

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

No data available

#### Ingredients according to EC Detergents Regulation 648/2004

Anionic surfactants. 1 – 5%

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

<b>16</b>	<b>OTHER INFORMATION</b>
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This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Abbreviations and acronyms:**

- STOT - Specific Target Organ Toxicity
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate

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