



Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

## SAFETY DATA SHEET

### G17 UPVC CLEANER

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

##### 1.1. Product identifier

Trade name : G17 UPVC CLEANER

Product no. : G17

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

Relevant identified uses of the substance or mixture : Cleaning product

Uses advised against : None known.

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

Company and address : **Orca Hygiene**  
Blackhouse Circle, Blackhouse Industrial Estate,  
AB42 1BN Peterhead  
United Kingdom  
Tel: +44 (0)1779 871945

E-mail : technical@orcahygiene.com

Revision : 23/01/2023

SDS Version : 1.0

##### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).  
See section 4 "First aid measures".

#### SECTION 2: Hazards identification

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

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Irrit. 2; H319, Causes serious eye irritation.

##### 2.2. Label elements

Hazard pictogram(s) :





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- Signal word** : Danger
- Hazard statement(s)** : May be fatal if swallowed and enters airways. (H304)  
Causes skin irritation. (H315)  
Causes serious eye irritation. (H319)
- Safety statement(s)** : General :  
-  
Prevention  
Wash hands thoroughly after handling. (P264)  
Wear eye protection/protective gloves. (P280)  
Response  
IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)  
Do NOT induce vomiting. (P331)  
If eye irritation persists: Get medical advice/attention. (P337+P313)  
Storage  
-  
Disposal  
Dispose of contents/container in accordance with local regulation. (P501)
- Hazardous substances** : Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
- Additional labelling** : Not applicable.
- 2.3. Other hazards**
- Additional warnings** : This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS No.: EC No.: 926-141-6 UK-REACH: Index No.:	60-80%	EUH066 Asp. Tox. 1, H304	
2-butoxyethanol; 2-butoxyethanol; ethylene glycol monobutyl	CAS No.: 111-76-2 EC No.: 203-905-0	10-15%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[1]



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ether;ethylene glycol monobutyl ether;butyl cellosolve	UK-REACH: Index No.: 603-014-00-0			
propan-2-ol;isopropyl alcohol;isopropanol	CAS No.: 67-63-0 EC No.: 200-661-7 UK-REACH: Index No.: 603-117-00-0	10-15%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### **Other information**

[1] European occupational exposure limit.

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

- General information** : In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.
- Inhalation** : Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
- Skin contact** : Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.  
If skin irritation occurs: Get medical advice/attention.
- Eye contact** : Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.
- Ingestion** : IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.
- Burns** : Not applicable.

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



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This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned:

Get immediate medical advice/attention.

**Information to medics** : Bring this safety data sheet or the label from this product.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### **SECTION 6: Accidental release measures**

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

Avoid direct contact with spilled substances.

#### **6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

#### **6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.



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See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Powder trickling out onto the floor or onto other containers must be prevented.

**Recommended storage material** : Always store in containers of the same material as the original container.

**Storage temperature** : No specific requirements

**Incompatible materials** : Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### **7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Long term exposure limit (8 hours) (ppm): 171

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1200

2-butoxyethanol;2-butoxyethanol; ethylene glycol monobutyl ether;ethylene glycol monobutyl ether;butyl cellosolve

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### **DNEL**

No data available.

### **PNEC**

No data available.

### **8.2. Exposure controls**

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

**General recommendations** : Smoking, drinking and consumption of food is not allowed in the work area.

**Exposure scenarios** : There are no exposure scenarios implemented for this product.

**Exposure limits** : Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

**Appropriate technical measures** : Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

**Hygiene measures** : Take off contaminated clothing and wash it before reuse.

**Measures to avoid environmental exposure** : Keep damming materials near the workplace. If possible, collect spillage during work.



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### **8.3. Individual protection measures, such as personal protective equipment**

**Generally** : Use only UKCA marked protective equipment.

**Respiratory Equipment** : No specific requirements

**Skin protection** : No specific requirements.

**Hand protection** :

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves			EN374	

**Eye protection** : No specific requirements.

## **SECTION 9: Physical and chemical properties**

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

**Physical state** : Testing not relevant or not possible due to the nature of the product.

**Colour** : Testing not relevant or not possible due to the nature of the product.

**Odour / Odour threshold** : Testing not relevant or not possible due to the nature of the product.

**pH** : Testing not relevant or not possible due to the nature of the product.

**Density (g/cm<sup>3</sup>)** : Testing not relevant or not possible due to the nature of the product.

**Kinematic viscosity** : Testing not relevant or not possible due to the nature of the product.

**Particle characteristics** : Testing not relevant or not possible due to the nature of the product.

#### **Phase changes**

**Melting point/Freezing point (°C)** : Testing not relevant or not possible due to the nature of the product.

**Boiling point (°C)** : Testing not relevant or not possible due to the nature of the product.

**Vapour pressure** : Testing not relevant or not possible due to the nature of the product.

**Relative vapour density** : Testing not relevant or not possible due to the nature of the product.

**Decomposition temperature (°C)** : Testing not relevant or not possible due to the nature of the product.

#### **Data on fire and explosion hazards**

**Flash point (°C)** : Testing not relevant or not possible due to the nature of the product.

**Ignition (°C)** : Testing not relevant or not possible due to the nature of the product.

**Auto flammability (°C)** : Testing not relevant or not possible due to the nature of the product.

**Lower and upper explosion limit (% v/v)** : Testing not relevant or not possible due to the nature of the product.

#### **Solubility**



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- Solubility in water** : Testing not relevant or not possible due to the nature of the product.  
**n-octanol/water coefficient** : Testing not relevant or not possible due to the nature of the product.  
**Solubility in fat (g/L)** : Testing not relevant or not possible due to the nature of the product.

### **9.2. Other information**

- Other physical and chemical parameters** : No data available.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No data available.

### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

### **10.3. Possibility of hazardous reactions**

None known.

### **10.4. Conditions to avoid**

None known.

### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### **10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

## **SECTION 11: Toxicological information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law**

#### **Acute toxicity**

Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	OECD 401
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg
Other information	
Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	OECD 402



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Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg
Other information	
Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	OECD 403
Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	>5000 mg/m <sup>3</sup>
Other information	

**Skin corrosion/irritation** : Causes skin irritation.

**Serious eye damage/irritation** : Causes serious eye irritation.

**Respiratory sensitisation** : Based on available data, the classification criteria are not met.

**Skin sensitisation** : Based on available data, the classification criteria are not met.

**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** : Based on available data, the classification criteria are not met.

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

**Aspiration hazard** :

Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Kin. viscosity (mm <sup>2</sup> /s)	≤2 @ 40°C
Test	The substance is a hydrocarbon and has a kinematic viscosity ≤ 20,5 mm <sup>2</sup> /s (40°C)
Conclusion	Aspiration hazard - category 1 (GHS)
Other information	

May be fatal if swallowed and enters airways.

## **11.2. Information on other hazards**

**Long term effects** : Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**Endocrine disrupting properties** : None known.





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**Other information** : propan-2-ol;isopropyl alcohol;isopropanol has been classified by IARC as a group 3 carcinogen.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	OECD 203
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	Freshwater
Duration	96 hours
Test	LC50
Result	>1000 mg/L
Other information	
Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	OECD 202
Species	Daphnia, <i>Daphnia magna</i>
Compartment	Freshwater
Duration	48 hours
Test	EC50
Result	>1000 mg/L
Other information	
Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	OECD 201
Species	Algae, <i>Scenedesmus subspicatus</i>
Compartment	Freshwater
Duration	72 hours
Test	EC50
Result	>1000 mg/L
Other information	
Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	Freshwater
Duration	28 days
Test	NOEC
Result	0,17 mg/L
Other information	
Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Test method	



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Species	Daphnia, Daphnia magna
Compartment	Freshwater
Duration	21 days
Test	NOEC
Result	1.22 mg/L
Other information	

### **12.2. Persistence and degradability**

Product/substance	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Biodegradable	Yes
Test method	OECD 301 F
Result	69%: 28 days

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### **12.6. Endocrine disrupting properties**

None known.

### **12.7. Other adverse effects**

None known.

## **SECTION 13: Disposal considerations**

### **Waste treatment methods**

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### **EWC code**

Not applicable.

### **Specific labelling**

Not applicable.

### **Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.



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## SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

### 14.6. Special precautions for user

Not applicable.

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

No data available.

## SECTION 15: Regulatory information

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

**Restrictions for application** : Restricted to professional users.

**Demands for specific education** : No specific requirements.

**SEVESO - Categories / dangerous substances** : Not applicable.

**Additional information** : Not applicable.

**Sources** : The Health and Safety at Work etc. Act 1974 Regulations 2013.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.  
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.  
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information



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### **Full text of H-phrases as mentioned in section 3**

EUH066, Repeated exposure may cause skin dryness or cracking.

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

H336, May cause drowsiness or dizziness.

### **Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound



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vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

**The safety data sheet is validated by**

CW28722

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en