

Gunk Curtain Cleaner

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name Gunk Curtain Cleaner
Product code 6878
Unique Formula Identifier (UFI) UQP1-N0GM-D00E-JDEE

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

Identified Use(s) Cleaning/washing agents and additives.
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet**Manufacturer**

Company Identification Granville Oil & Chemicals Ltd
Address of Manufacturer 29 Goldthorpe Ind. Est.,
Goldthorpe,
Rotherham,
South Yorkshire,

Postal code S63 9BL

Telephone: +44 (0)1709 890099

Fax Not known.

E-mail lab@granvilleoil.com

Office hours 08:00 - 17:00

Supplier

Company Identification Veedol Deutschland GmbH
Address of Supplier Hans-Böckler-Straße 10
Langenfeld,
Germany

Postal code 40764

Telephone: +49 (0) 2173 893 30 30

Fax Not known.

E-mail lab@granvilleoil.com

Office hours

1.4 Emergency telephone number

Emergency Phone No. +44 (0)1709 890099

Contact Granville Lab

National response centre

Address NHS Direct

Emergency Phone No. +44 111

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Gunk Curtain Cleaner

Regulation (EC) No. 1272/2008 (CLP) Skin Corr. 1B :Causes severe skin burns and eye damage.
Eye Dam. 1 :Causes serious eye damage.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Gunk Curtain Cleaner

Contains <5% non-ionic surfactants, NTA (nitrilotriacetic acid) and salts thereof, amphoteric surfactants, phosphates.

Hazard Pictogram(s)



GHS05

Signal Word(s) Danger

Hazard Statement(s) H314: Causes severe skin burns and eye damage.

Precautionary Statement(s)

P102: Keep out of reach of children.

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

P301+P330+P331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

P303+P361+P353+P310: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTRE/doctor.

P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.

P321: Specific treatment (see Medical Advice on this label).

Unique Formula Identifier (UFI) UQP1-N0GM-D00E-JDEE

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

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HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
disodium metasilicate	6834-92-0	229-912-9 01-2119449811-37	5-10	Skin Corr. 1B H314 STOT SE 3 H335	GHS05 GHS07
2-butoxyethanol; ethylene glycol monobutyl etherbutyl cellosolve	111-76-2	203-905-0 01-2119475108-36	1-5	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Acute Tox. 4 H332	GHS07
trisodium nitrilotriacetate	5064-31-3	225-768-6 2119519239- 36-XXXX	1-5	Acute Tox. 4 H302 Eye Irrit. 2 H319 Carc. 2 H351	GHS08 GHS07
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts		931-296-8 2119488533-XXXX	1-5	Acute Tox. 4 H302 Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05 GHS07
Alcohols, C9-11, ethoxylated	68439-46-3		1-5	Acute Tox. 4 H302 Eye Dam. 1 H318	GHS05 GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
2-butoxyethanol; ethylene glycol monobutyl etherbutyl cellosolve	111-76-2			Acute Tox. 4 (H302) : 1200 (18th ATP) Acute Tox. 4 (H312) : 1100 Acute Tox. 4 (H332) : 3 Vapour (18th ATP)
trisodium nitrilotriacetate	5064-31-3	Carc. 2	C>= 5.00 <= 100.00	Acute Tox. 4 (H302) : 500
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts				Acute Tox. 4 (H302) : 500
Alcohols, C9-11, ethoxylated	68439-46-3			Acute Tox. 4 (H302) : 500

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Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Inhalation	Remove person to fresh air and keep comfortable for breathing.
Skin Contact	Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Ingestion	Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Causes burns. Serious damage to eyes.

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	None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

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**

Emergency procedures	Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

Gunk Curtain Cleaner**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Precautions for safe handling Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. 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

Store locked up. Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
2-Butoxyethanol	111-76-2	25	123	50	246	Sk, BMGV

Region Source
 United Kingdom UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Notes
 Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.
 BMGV Biological monitoring guidance values are listed in Table 2.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
2-Butoxyethanol	111-76-2	Post shift	urine	butoxyacetic acid	240 mmol butoxyacetic acid/mol creatinine	

Remark Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).

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Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

None known.

8.2.3. 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	Pink.
Odour	Not known.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	14
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	1.1
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

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No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 14634.15
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 110000
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1100
Skin corrosion/irritation	Calculation method : Causes severe skin burns and eye damage.
Serious eye damage/irritation	Calculation method : Causes serious eye damage.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

Gunk Curtain Cleaner**12.4 Mobility in soil**

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number or ID number**

UN No. 1760

14.2 UN proper shipping name

UN proper shipping name CORROSIVE LIQUID, N.O.S.

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class 8

ADR Classification Code C9

Special Provisions 274

Limited Quantities 5 L

Excepted Quantities E1

Emergency Action Code 2X

Mixed Packing Instructions for Packages P001 IBC03 LP01 R001

Special Packing Provisions for Packages

Mixed Packing Instructions for Packages MP19

Packing Instructions for Portable Tanks T7

Special Provisions for Portable Tanks TP1 TP28

Tank Code for Tanks L4BN

Special Provisions for Tanks

Vehicle for Tank Carriage AT

ADR Transport Category 3

Tunnel Restriction Code E

Special Provisions for Carriage - Packages V12

Special Provisions for Carriage - Bulk

Special Provisions for Carriage - Bulk

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 Special Provisions for Carriage - Loading,
 Unloading and Handling

 Special Provisions for Carriage -
 Operation

ADR HIN	80
IMDG	
IMDG Class	8
Special Provisions	274
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	

Packing Instructions for Portable Tanks	T7
Special Provisions for Portable Tanks	TP1 TP28
IMDG EMS	F-A, S-B
Stowage and Handling	Category A SW2
Segregation	

Marine Pollutant

ICAO/IATA

IATA Proper Shipping Name	CORROSIVE LIQUID, N.O.S.
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited	Y841
Quantities Packing Instructions	
Passenger and Cargo Aircraft Limited	1L
Quantities Max net Qty	
Passenger and Cargo Aircraft Packing	852
Instructions	
Passenger and Cargo Aircraft Max net	5L
Qty	
Cargo Aircraft Packing Instructions	856
Cargo Aircraft Max net Qty	60L
Special Provisions	A3, A803
Emergency Response Guidebook (ERG)	8L

Code

Labels

Labels 8


14.4 Packing group

Packing group III

14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Not known.

14.7 Maritime transport in bulk according to IMO instruments

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No information available

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

High Concern for Authorisation

REACH: ANNEX XIV list of substances subject to authorisation Not listed

subject to authorisation

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

disodium metasilicate (6834-92-0), 2-butoxyethanol; ethylene glycol monobutyl etherbutyl cellosolve (111-76-2), trisodium nitrilotriacetate (5064-31-3), 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (), Alcohols, C9-11, ethoxylated (68439-46-3)

Community Rolling Action Plan (CoRAP) disodium metasilicate (6834-92-0)

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

European Parliament and of the Council

on persistent organic pollutants

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

European Parliament and of the Council

concerning the export and import of

hazardous chemicals

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS05

GHS07: GHS: Exclamation mark

GHS08: GHS: Health hazard

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

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Acute Tox. 4 : Acute toxicity, Category 4
Skin Corr. 1B : Skin corrosion/irritation, Category 1B
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Eye Irrit. 2 : Serious eye damage/irritation, Category 2
Acute Tox. 4 : Acute toxicity, Category 4
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
Carc. 2 : Carcinogenicity, Category 2
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H351: Suspected of causing cancer.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.
P303+P361+P353+P310: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTRE/doctor.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.
P321: Specific treatment (see Medical Advice on this label).
P363: Wash contaminated clothing before reuse.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR : European Agreement concerning the International Carriage of Dangerous

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Goods by Road

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

IATA : International Air Transport Association

IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

UN : United Nations

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for Regulation (EC) No. 1272/2008 (CLP) data used to compile the SDS

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