

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Glas/Multireiniger  
Product code : 7303  
Type of product : Detergent  
Vaporizer : Bottle fitted with a spray attachment  
Synonyms : 7303  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Cleaning agent  
Function or use category : Cleaning/washing agents and additives

##### 1.2.2. Uses advised against

No additional information available

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

Bunzl | King Nederland  
Stephensonstraat 5  
4004 JA TIEL - Netherlands  
T King Nederland: +31 (0)344 673 673 - T King Belgium: +32 (0)2 655 03 33  
[msds@safety sheet.info](mailto:msds@safety sheet.info) - [www.primesource.nl](http://www.primesource.nl)

#### 1.4. Emergency telephone number

Emergency number : NL : +31 (0)344 673 676 / BE: +32 (0)2 655 03 33

Country	Organisation/Company	Address	Emergency number	Comment
Netherlands	Nationaal Vergiftigingen Informatie Centrum	Postbus 85500 (B.00.118) 3508 GA Utrecht	+31 30 274 88 88	Only for the purpose of informing medical personnel in cases of acute intoxications.

### SECTION 2: Hazards identification

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

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

Not classified

#### 2.2. Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

# Glas/Multireiniger

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product identifier	Weight(%)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propan-2-ol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25	5 - 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of (EU)H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: In case of any doubt or when irritation occurs or persists seek medical advice. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Not expected to require first aid measures. If experiencing respiratory symptoms: Assure fresh air breathing.
First-aid measures after skin contact	: Wash skin with mild soap and water.
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Give water to drink. Seek medical advice immediately and show this container or label.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: None under normal use. Overexposure to vapours may result in: Giddiness.
Symptoms/effects after skin contact	: Not expected to present a significant skin hazard. Contact during a long period may cause light irritation.
Symptoms/effects after eye contact	: May cause slight irritation. Redness.
Symptoms/effects after ingestion	: May cause irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

In case of any doubt or when irritation occurs or persists seek medical advice.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: All known extinguishants can be used.
Unsuitable extinguishing media	: None to our knowledge.

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

Fire hazard	: The product itself does not maintain combustion.
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#### 5.3. Advice for firefighters

Protection during firefighting	: Use fire fighting measures that suit the environment.
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### SECTION 6: Accidental release measures

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

General measures	: Material spilled on hard surface can present a serious slipping/falling hazard.
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##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

Methods for cleaning up	: Pick up as much as possible of the spilled product. Store picked-up material in a drum. Wash non-recoverable remainder with large amounts of water.
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#### 6.4. Reference to other sections

Reference to other sections	: Personal precautions: Refer to section 8. Handling and storage: Refer to section 7. Waste disposal recommendations: Refer to section 13.
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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Normal precautions for the use of chemicals and cleaners should be taken care of.

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

Storage conditions : Keep container tightly closed. Protect from freezing.

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

Specific end use(s) : When the product is used as directed in Section 1.2 under normal conditions, no specific measures are required. The necessary measures can be found in Section 7.1 and 7.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Additional information : The product itself is not tested on occupational exposure limits, but if the product contains substances with occupational exposure limits these are listed here. No listing means that the product does not contain any substances with occupational exposure limits.

Propan-2-ol (67-63-0)		
Netherlands	Grenswaarde TGG 8H (mg/m³)	650 mg/m³
Netherlands	MAC C (mg/m³)	980 mg/m³

Propan-2-ol (67-63-0)	
DNEL/DNEL (Workers)	
Long-term - systemic effects, dermal	888 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	500 mg/m³
DNEL/DNEL (General population)	
Long-term - systemic effects, oral	26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	89 mg/m³
Long-term - systemic effects, dermal	319 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	140,9 mg/l
PNEC aqua (marine water)	140,9 mg/l
PNEC aqua (intermittent, freshwater)	140,9 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	552 mg/kg dw t
PNEC sediment (marine water)	552 mg/kg dw t
PNEC (Soil)	
PNEC soil	552 mg/kg dw t
PNEC (STP)	
PNEC sewage treatment plant	2251 mg/l

#### 8.2. Exposure controls

Hand protection : This product is not classified as dangerous for the skin and therefore no protection gloves are necessary when this product is used.  
In case of prolonged use or sensitive skin, where irritation is possible, it would be recommended to use gloves.  
  
When selecting protective gloves, always consider user specific circumstances like mechanical stress (cutting, drilling, etc.), contact time, temperature, use of other chemicals, etc.  
In consultation with the supplier of protective gloves a type can be chosen, which provides sufficient protection. Always check the instructions regarding breakthrough time and type & thickness of the material, as given by the glove supplier.

Eye protection : When making normal use of the product not necessary. If there is a risk of liquid being splashed : Wear eye protection. (Safety glasses)

Respiratory protection : When making normal use of the product not necessary.

Other information : Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes.

### SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : Aqueous alkaline solution.  
Colour : Blue.  
Odour : Lemon.

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Odour threshold	: 25,704 mg/m <sup>3</sup> propan-2-ol; isopropyl alcohol; isopropanol
pH	: 10 - 11
Freezing point	: ± -5 °C
Boiling point	: ± 95 °C
Flash point	: > 41 °C The product is not flammable according to Regulation (EC) No. 1272/2008, 2.6.4.5
Relative evaporation rate (butylacetate=1)	: 0,64
Flammability (solid, gas)	: Not self-igniting
Explosive limits	: The product itself is not tested on explosion limits. For components see Section 9.2.
Vapour pressure	: 24,8 hPa
Relative vapour density at 20 °C	: Not applicable
Relative density	: ± 0,99
Density	: ± 0,99 g/cm <sup>3</sup>
Solubility	: Water: completely soluble
Partition coefficient n-octanol/water [log Pow]	: -1,1 (calculated value)
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
Viscosity, kinematic	: ± 10 mm <sup>2</sup> /s
Viscosity, dynamic	: < 10 mPa.s
Explosive properties	: No chemical group associated with explosive properties.
Oxidising properties	: The product itself does not maintain combustion.

### 9.2. Other information

VOC content	: < 30 %
Upper / lower explosive limits	: propan-2-ol, isopropyl alcohol, isopropanol: 12% / 2%
Additional information	: The product itself does not maintain combustion.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

None under normal conditions.

### 10.5. Incompatible materials

None under normal conditions.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
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#### Glas/Multireiniger

Additional information	With the product as such no toxicological tests have been done. According to the criteria of 3.1.3 from (EC) 1272/2008 this product is not toxic. Components that are toxic are mentioned below.
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#### Propan-2-ol (67-63-0)

LD50 oral rat	5840 mg/kg
LD50 oral	4396 mg/kg body weight
LD50 dermal rabbit	13000 mg/kg
LD50 dermal	12800 mg/kg body weight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	46600 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 10 - 11
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Serious eye damage/irritation	: Not classified
	pH: 10 - 11
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

Glas/Multireiniger	
Vaporizer	Bottle fitted with a spray attachment
Viscosity, kinematic	± 10 mm²/s

## SECTION 12: Ecological information

### 12.1. Toxicity

Glas/Multireiniger	
Additional information	With the product as such no ecological tests have been done. According to the criteria of 4.1.3 from (EC) 1272/2008 this product is not dangerous for the environment. Components that are dangerous to the environment are mentioned below.

Propan-2-ol (67-63-0)	
LC50 fish 1	4200 - 9640 mg/l
EC50 Daphnia 1	> 10000 mg/l
EC50 other aquatic organisms 1	13299 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 1000 mg/l IC50 alga (72 h) mg/l

### 12.2. Persistence and degradability

Glas/Multireiniger	
Persistence and degradability	The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Propan-2-ol (67-63-0)	
Persistence and degradability	Readily biodegradable.
Biodegradation	Readily biodegradable

### 12.3. Bioaccumulative potential

Glas/Multireiniger	
Partition coefficient n-octanol/water [log Pow]	-1,1 (calculated value)
Propan-2-ol (67-63-0)	
Partition coefficient n-octanol/water [log Pow]	0,05
Bioaccumulative potential	No bioaccumulation.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

Glas/Multireiniger	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Component	
Propan-2-ol (67-63-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Product/Packaging disposal recommendations	: Pick up as much as possible of the spilled product. Store picked-up material in a drum. Dispose of in accordance with relevant local regulations. Wash non-recoverable remainder with large amounts of water.
Additional information	: Rinse the empty bottle. Then bottle can be disposed of with the normal domestic waste.
Ecology - waste materials	: Use appropriate container to avoid environmental contamination. Dispose of in accordance with relevant local regulations.
European List of Waste (LoW) code	: 20 01 30 - detergents other than those mentioned in 20 01 29

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not regulated for transport				
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Not applicable; Not classified as dangerous in the meaning of transport regulations

#### - Transport by sea

Not applicable; Not classified as dangerous in the meaning of transport regulations

#### - Air transport

Not applicable; Not classified as dangerous in the meaning of transport regulations

#### - Inland waterway transport

Not applicable; Not classified as dangerous in the meaning of transport regulations

#### - Rail transport

Not applicable; Not classified as dangerous in the meaning of transport regulations

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code : Not applicable. This product is not intended to be carried in bulk tankers.

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : < 30 %

Detergent Regulation : Labelling of contents:

Component	%
non-ionic surfactants	<5%
METHYLISOTHIAZOLINONE	
BENZISOTHIAZOLINONE	
Perfumes	
LIMONENE	

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### 15.1.2. National regulations

#### Netherlands

Water hazard class (NL)	: Practically non-toxic to aquatic organisms.
Abatement effort	: B
SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Reason: This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

## SECTION 16: Other information

### Abbreviations and acronyms:

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
CLP	Classification Labelling Packaging; Regulation (EC) No 1272/2008
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level.
DPD	Dangerous Preparations Directive 1999/45/EC.
DSD	Dangerous Substances Directive 67/548/EEC.
EC50	Median effective concentration
EC-No.	Official identification number of the substance within the European Union
EmS	Emergency Schedule information.
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association.
IBC-code	International Bulk Chemical Code, the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
ICAO	International Civil Aviation Organization.
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
MAC	Maximum Allowable Concentration
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic.
OEL TWA	Time Weighted Average.
PEL	Permissible Exposure Limit.
PNEC	Predicted No-Effect Concentration.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
STEL	short term
STP	Sewage treatment plant - Removal Efficiency Fraction (offsite; STP)
TLM	Threshold Limit, Median
TLV	Threshold Limit Value
UN	United Nations
VOC	Volatile organic compounds

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WGK	Water hazard class (WGK)
vPvB	Very Persistent and Very Bioaccumulative

### Data sources

CLP	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
COSING	CosIng - <a href="http://ec.europa.eu/growth/tools-databases/cosing/">http://ec.europa.eu/growth/tools-databases/cosing/</a>
ECHA	ECHA (European Chemicals Agency) - <a href="https://echa.europa.eu/nl/home">https://echa.europa.eu/nl/home</a>
GESTIS	GESTIS Substance Database - <a href="http://gestis-en.itrust.de/nxt/gateway.dll/gestis_en/000000.xml?f=templates\$fn=default.htm\$vid=gestiseng:sdbeng\$3.0">http://gestis-en.itrust.de/nxt/gateway.dll/gestis_en/000000.xml?f=templates\$fn=default.htm\$vid=gestiseng:sdbeng\$3.0</a>
SER	The Social and Economic Council of the Netherlands (SER) - <a href="http://www.ser.nl">http://www.ser.nl</a>
SDS	Safety Data Sheet Manufacturer/Supplier Raw material

### Other information

This product is not classified according to Regulation (EC) No 1272/2008.  
As a consequence, no Chemical Safety Assessment is needed in the registration dossier, and hence no Exposure Scenarios nor a detailed and exhaustive inventory of uses is needed for the preparation of the dossier.

Therefore the supply chain communication about identified uses, particularly the active application of Article 37 of the REACH Regulation, is not required for this product.

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

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH210	Safety data sheet available on request.

### Indication of changes:

8.2	Hand protection	Modified	
9.1	Composition/information on ingredients	Modified	
12.5	Data	Modified	

SDS EU (REACH Annex II)

*The information given in this SDS relates to the product mentioned in section 1 and is provided on the assumption that the product will be used in the manner and for the purposes indicated by the manufacturer. The data given here is based on current knowledge and experience and if necessary regularly revised. It is the responsibility of the user to carry out the mentioned precautions and to ensure that this information is complete and sufficient for the use of this product. It is recommended to inform staff / people concerned about the information in this safety data sheet, if necessary in modified form. The data does not signify any warranty with regard to the products' properties.*