



**INSTA-USE GLASS & MULTI-SURFACE CLEANER**

**Section: 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

Product name : INSTA-USE GLASS & MULTI-SURFACE CLEANER  
UFI : 6VRR-VRC0-X108-0X8J  
Product code : 913698  
Use of the Substance/Mixture : Glass Cleaner  
Substance type: : Mixture

**For professional users only.**

Product dilution information : 1.0 %

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

Identified uses : Glass cleaner. Spray and wipe manual process  
Recommended restrictions on use : Reserved for industrial and professional use.

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

Company : KAY BV  
Havenlaan 4  
B-3980 Tessenderlo, Belgium +32 13 67 06 90 (Belgium)  
BEKAYcustomerservice@ecolab.com  
  
Ecolab Deutschland GmbH  
Ecolab-Allee 1  
40789 Monheim am Rhein, Germany +49 (0)2173 599 0  
BEKAYcustomerservice@ecolab.com

**1.4 Emergency telephone number**

Emergency telephone number : +32-(0)3-575-5555 Trans-european, German speaking, 24/7  
or +49 32 212249407 German speaking, 24/7  
  
Poison Information Centre telephone number : +49 (0)551 38318854

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**Section: 2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**INSTA-USE GLASS & MULTI-SURFACE CLEANER**

**Classification (REGULATION (EC) No 1272/2008)**

**Product AS SOLD**

Skin irritation, Category 2	H315
Serious eye damage, Category 1	H318
Chronic aquatic toxicity, Category 3	H412

**Product AT USE DILUTION**

Not a hazardous substance or mixture.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

**Product AS SOLD**

Hazard pictograms

:



Signal Word

: Danger

Hazard Statements

: H315  
H318  
H412

Causes skin irritation.  
Causes serious eye damage.  
Harmful to aquatic life with long lasting effects.

Precautionary Statements

: **Prevention:**

P273

Avoid release to the environment.

**Response:**

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER/doctor.

Hazardous components which must be listed on the label:

sulfuric acid, mono-c10-16-alkyl esters, sodium salts  
poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-

**Product AT USE DILUTION**

Not a hazardous substance or mixture.

**Additional Labelling:**

**Product AS SOLD**

Special labelling of certain mixtures

: Contains: Limonene, May produce an allergic reaction.

**2.3 Other hazards**

**Product AS SOLD**

None known.

**Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

**Product AS SOLD**

Hazardous components

**INSTA-USE GLASS & MULTI-SURFACE CLEANER**

Chemical Name	CAS-No. EC-No. REACH No.	Classification REGULATION (EC) No 1272/2008	Concentration : [%]
Sodium Xylenesulfonate	1300-72-7 215-090-9 01-2119513350-56	Eye irritation Category 2; H319	>= 10 - < 20
sulfuric acid, mono-c10-16-alkyl esters, sodium salts	68585-47-7 271-557-7 01-2119489463-28	Skin irritation Category 2; H315 Serious eye damage Category 1; H318	>= 5 - < 10
N-Propoxypropanol	1569-01-3 216-372-4 01-2119474443-37	Eye irritation Category 2; H319 Specific target organ toxicity - single exposure Category 3; H336	>= 5 - < 10
Oxirane, methyl-, polymer with oxirane, monobutyl ether	9038-95-3 POLYMER	Acute toxicity Category 4; H332	>= 2.5 - < 5
poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-	34398-01-1 POLYMER	Serious eye damage Category 1; H318	>= 3 - < 5
2-amino-2-methylpropanol	124-68-5 204-709-8 01-2119475788-16	Skin irritation Category 2; H315 Eye irritation Category 2; H319 Chronic aquatic toxicity Category 3; H412	>= 1 - < 2.5
Dipropylene glycol methyl ether	34590-94-8 252-104-2 01-2119450011-60	Chronic aquatic toxicity Category 3; H412	>= 1 - < 2.5
3-butoxypropan-2-ol	5131-66-8 225-878-4 01-2119475527-28	Skin irritation Category 2; H315 Eye irritation Category 2; H319	>= 1 - < 2.5
Ethoxylated Octylphenol	9036-19-5	Acute toxicity Category 4; H302 Skin irritation Category 2; H315 Serious eye damage Category 1; H318 Acute aquatic toxicity Category 1; H400 Chronic aquatic toxicity Category 1; H410  M = 1 M(Chronic) = 1	>= 0.25 - < 0.5
Limonene	5989-27-5 227-813-5 01-2119529223-47	Nota C Flammable liquids Category 3; H226  Skin irritation Category 2; H315 Skin sensitization Category 1; H317 Acute aquatic toxicity Category 1; H400 Chronic aquatic toxicity Category 1; H410 Aspiration hazard Category 1; H304  M = 1 M(Chronic) = 1	>= 0.1 - < 0.25

**Product AT USE DILUTION**

Remarks : No hazardous ingredients

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section: 4. FIRST AID MEASURES****4.1 Description of first aid measures****Product AS SOLD**

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Get medical attention if irritation develops and persists.
- If swallowed : Rinse mouth. Get medical attention if symptoms occur.
- If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

**Product AT USE DILUTION**

- In case of eye contact : Rinse with plenty of water.
- In case of skin contact : Rinse with plenty of water.
- If swallowed : Rinse mouth. Get medical attention if symptoms occur.
- If inhaled : Get medical attention if symptoms occur.

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

See Section 11 for more detailed information on health effects and symptoms.

**4.3 Indication of immediate medical attention and special treatment needed**

- Treatment : Treat symptomatically.

**Section: 5. FIREFIGHTING MEASURES**

**Product AS SOLD**

**5.1 Extinguishing media**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : None known.

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

- Specific hazards during firefighting : Not flammable or combustible.
- Hazardous combustion products : Depending on combustion properties, decomposition products may include following materials:  
Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides  
metal oxides

**5.3 Advice for firefighters**

- Special protective equipment for firefighters : Use personal protective equipment.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of

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fire and/or explosion do not breathe fumes.

**Section: 6. ACCIDENTAL RELEASE MEASURES**

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

**Product AS SOLD**

Advice for non-emergency personnel : Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Advice for emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

**Product AT USE DILUTION**

Advice for non-emergency personnel : Refer to protective measures listed in sections 7 and 8.

Advice for emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

**6.2 Environmental precautions**

**Product AS SOLD**

Environmental precautions : Do not allow contact with soil, surface or ground water.

**Product AT USE DILUTION**

Environmental precautions : No special environmental precautions required.

**6.3 Methods and materials for containment and cleaning up**

**Product AS SOLD**

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

**Product AT USE DILUTION**

Methods for cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

**6.4 Reference to other sections**

See Section 1 for emergency contact information.  
For personal protection see section 8.  
See Section 13 for additional waste treatment information.

**INSTA-USE GLASS & MULTI-SURFACE CLEANER****Section: 7. HANDLING AND STORAGE****7.1 Precautions for safe handling****Product AS SOLD**

Advice on safe handling : Avoid contact with skin and eyes. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not breathe spray, vapour. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

**Product AT USE DILUTION**

Advice on safe handling : Wash hands after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE). For personal protection see section 8.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

**7.2 Conditions for safe storage, including any incompatibilities****Product AS SOLD**

Requirements for storage areas and containers : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature : -30 °C to 50 °C

**Product AT USE DILUTION**

Requirements for storage areas and containers : Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

**7.3 Specific end uses****Product AS SOLD**

Specific use(s) : Glass cleaner. Spray and wipe manual process

**Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Product AS SOLD****Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
2-amino-2-methylpropanol	124-68-5	AGW (Vapour and aerosols)	1 ppm 3.7 mg/m <sup>3</sup>	TRGS 900
Further information	H	Skin absorption		
	Y	When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child		
Dipropylene glycol methyl ether	34590-94-8	AGW (Vapour and aerosols)	50 ppm 310 mg/m <sup>3</sup>	TRGS 900

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		TWA	50 ppm 308 mg/m <sup>3</sup>	2000/39/EC
Further information	skin	Identifies the possibility of significant uptake through the skin		
		Indicative		
Limonene	5989-27-5	AGW	5 ppm 28 mg/m <sup>3</sup>	TRGS 900
Further information	H	Skin absorption		
	Y	When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child		
	Sh	Substance sensitizing through the skin		

**8.2 Exposure controls****Product AS SOLD****Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Eye/face protection (EN 166) : Due to the form and packaging of the product, no protective equipment is needed under normal use conditions.

Hand protection (EN 374) : Due to the form and packaging of the product, no protective equipment is needed under normal use conditions.

Skin and body protection (EN 14605) : No special protective equipment required.

Respiratory protection (EN 143, 14387) : None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, (EU) 2016/425), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Product AT USE DILUTION****Appropriate engineering controls**

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

Hygiene measures : Wash hands before breaks and immediately after handling the product.

Eye/face protection (EN 166) : No special protective equipment required.

Hand protection (EN 374) : No special protective equipment required.

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Skin and body protection (EN 14605) : No special protective equipment required.

Respiratory protection (EN 143, 14387) : None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. Use certified respiratory protection equipment meeting EU requirements(89/656/EEC, (EU) 2016/425), or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

**Environmental exposure controls**

General advice : Consider the provision of containment around storage vessels.

**Section: 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
Physical state	: liquid	liquid
Colour	: clear, dark blue	light blue
Odour	: Floral	citrus
pH	: 11.3, 100 %	9.8 - 10.8
Particle characteristics		
Assessment	: not applicable	not applicable
Particle size	: not applicable	not applicable
Particle Size Distribution	: not applicable	not applicable
Dustiness	: not applicable	not applicable
Specific surface area	: not applicable	not applicable
Surface charge/Zeta potential	: not applicable	not applicable
Shape	: not applicable	not applicable
Crystallinity	: not applicable	not applicable
Surface treatment /Coatings	: not applicable	not applicable
Flash point	: 104 °C closed cup, Does not sustain combustion.	
Odour Threshold	: Not applicable and/or not determined for the mixture	
Melting point/freezing point	: Not applicable and/or not determined for the mixture	
Boiling point, initial boiling point and boiling range	: > 100 °C	
Evaporation rate	: Not applicable and/or not determined for the mixture	
Flammability	: Not applicable and/or not determined for the mixture	
Upper explosion limit	: Not applicable and/or not determined for the mixture	
Lower explosion limit	: Not applicable and/or not determined for the mixture	
Vapour pressure	: Not applicable and/or not determined for the mixture	
Relative vapour density	: Not applicable and/or not determined for the mixture	



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Density and / or relative density	: 1.085 - 1.095
Water solubility	: soluble
Solubility in other solvents	: Not applicable and/or not determined for the mixture
Partition coefficient: n-octanol/water (log value)	: Not applicable and/or not determined for the mixture
Auto-ignition temperature	: Not applicable and/or not determined for the mixture
Thermal decomposition	: Not applicable and/or not determined for the mixture
Viscosity, kinematic	: Not applicable and/or not determined for the mixture
Explosive properties	: Not applicable and/or not determined for the mixture
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

**9.2 Other information**

VOC : Not applicable.

**Section: 10. STABILITY AND REACTIVITY**

**Product AS SOLD**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

Acids  
Metals

**10.6 Hazardous decomposition products**

Depending on combustion properties, decomposition products may include following materials:  
Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides  
metal oxides

**Section: 11. TOXICOLOGICAL INFORMATION**

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

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**Product AS SOLD**

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

**Product**

Acute oral toxicity : There is no data available for this product.

Acute inhalation toxicity : 4 h Acute toxicity estimate : > 20 mg/l  
Test atmosphere: vapour

Acute dermal toxicity : There is no data available for this product.

Skin corrosion/irritation : There is no data available for this product.

Serious eye damage/eye irritation : There is no data available for this product.

Respiratory or skin sensitization : There is no data available for this product.

Carcinogenicity : There is no data available for this product.

Reproductive effects : There is no data available for this product.

Germ cell mutagenicity : There is no data available for this product.

Teratogenicity : There is no data available for this product.

STOT - single exposure : There is no data available for this product.

STOT - repeated exposure : There is no data available for this product.

Aspiration toxicity : There is no data available for this product.

**Components**

Acute oral toxicity : Sodium Xylenesulfonate LD50 rat: > 7,000 mg/kg  
  
sulfuric acid, mono-c10-16-alkyl esters, sodium salts LD50 rat:  
2,175 mg/kg  
  
N-Propoxypropanol LD50 rat: 2,875 mg/kg  
  
Oxirane, methyl-, polymer with oxirane, monobutyl ether LD50 rat:  
4,640 mg/kg  
  
poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- LD50  
rat: > 2,000 mg/kg  
  
2-amino-2-methylpropanol LD50 rat: 2,900 mg/kg  
  
Dipropylene glycol methyl ether LD50 rat: > 5,000 mg/kg  
  
3-butoxypropan-2-ol LD50 rat: 2,500 mg/kg  
  
Ethoxylated Octylphenol LD50 rat: 3,495 mg/kg  
  
Limonene LD50 rat: 4,400 mg/kg

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**Components**

Acute inhalation toxicity : N-Propoxypropanol 4 h LC50 rat: > 10.21 mg/l  
Test atmosphere: vapour

poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- 4 h  
LC50 rat: > 5 mg/l  
Test atmosphere: dust/mist

**Components**

Acute dermal toxicity : N-Propoxypropanol LD50 rabbit: 3,535 mg/kg

Oxirane, methyl-, polymer with oxirane, monobutyl ether LD50  
rabbit: > 20,660 mg/kg

poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- LD50  
rat: > 2,000 mg/kg

Dipropylene glycol methyl ether LD50 rabbit: > 9,500 mg/kg

3-butoxypropan-2-ol LD50 rat: 2,193 mg/kg

Ethoxylated Octylphenol LD50 rabbit: > 16,000 mg/kg

Limonene LD50 rabbit: > 5,000 mg/kg

**Potential Health Effects**

**Product AS SOLD**

Eyes : Causes serious eye damage.

Skin : Causes skin irritation.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

**Product AT USE DILUTION**

Eyes : Health injuries are not known or expected under normal use.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

**Experience with human exposure**

**Product AS SOLD**

Eye contact : Redness, Pain, Corrosion

Skin contact : Redness, Irritation

Ingestion : No symptoms known or expected.

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Inhalation : No symptoms known or expected.

**Product AT USE DILUTION**

Eye contact : No symptoms known or expected.

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

**11.2 Information on other hazards**

Further information : no data available

**Section: 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

**Product AS SOLD**

Environmental Effects : Harmful to aquatic life with long lasting effects.

**Product AT USE DILUTION**

Environmental Effects : This product has no known ecotoxicological effects.

**Product AS SOLD**

**Product**

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

Toxicity to algae : no data available

**Components**

Toxicity to fish : sulfuric acid, mono-c10-16-alkyl esters, sodium salts  
LC50: > 1.39 mg/l

N-Propoxypropanol  
96 h LC50 Fish: > 100 mg/l

poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-  
96 h LC50 Pimephales promelas (fathead minnow): 5.5 mg/l

2-amino-2-methylpropanol  
96 h LC50 Lepomis macrochirus (Bluegill sunfish): 190 mg/l

Dipropylene glycol methyl ether  
96 h LC50 Poecilia reticulata (guppy): > 100 mg/l

Ethoxylated Octylphenol  
96 h LC50 Leuciscus idus (Golden orfe): 0.26 mg/l

**Components**

Toxicity to daphnia and other aquatic invertebrates : sulfuric acid, mono-c10-16-alkyl esters, sodium salts  
48 h EC50 Ceriodaphnia dubia (Water flea): 1.37 mg/l

poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-

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48 h EC50 Daphnia magna (Water flea): 5.5 mg/l

2-amino-2-methylpropanol  
48 h EC50 Daphnia magna (Water flea): 193 mg/l

Dipropylene glycol methyl ether  
48 h LC50 Daphnia magna (Water flea): 1,919 mg/l

3-butoxypropan-2-ol  
48 h EC50: > 1,000 mg/l

Ethoxylated Octylphenol  
48 h EC50 Daphnia magna (Water flea): 0.011 mg/l

Limonene  
48 h EC50 Daphnia magna (Water flea): 0.307 mg/l

**Components**

Toxicity to algae

: Sodium Xylenesulfonate  
96 h EC50: 230 mg/l

poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-  
96 h EC50: 5.5 mg/l

2-amino-2-methylpropanol  
72 h EC50 Aquatic Plant: 402 mg/l

Dipropylene glycol methyl ether  
72 h EC50 Pseudokirchneriella subcapitata (green algae): > 969 mg/l

Ethoxylated Octylphenol  
96 h EC50 Pseudokirchneriella subcapitata (algae): 1.9 mg/l

Limonene  
72 h EC50 Pseudokirchneriella subcapitata (algae): 0.32 mg/l

**12.2 Persistence and degradability**

**Product**

Biodegradability : The surfactant(s) contained in this mixture 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.

**Components**

Biodegradability : Sodium Xylenesulfonate  
Result: Biodegradable

sulfuric acid, mono-c10-16-alkyl esters, sodium salts  
Result: Readily biodegradable.

N-Propoxypropanol  
Result: Readily biodegradable.

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poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-  
Result: Readily biodegradable.

2-amino-2-methylpropanol  
Result: Biodegradable

Dipropylene glycol methyl ether  
Result: Readily biodegradable.

3-butoxypropan-2-ol  
Result: Readily biodegradable.

Ethoxylated Octylphenol  
Result: Poorly biodegradable

Limonene  
Result: Readily biodegradable.

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

**Product**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Endocrine disrupting properties**

This substance/mixture contains components considered to have endocrine disrupting properties for environment , according to REACH Article 57(f), Commission Regulation (EU) 2018/605 or Commission Delegated Regulation (EU) 2017/2100.

**12.7 Other adverse effects**

no data available

**Section: 13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with the European Directives on waste and hazardous waste.Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

**13.1 Waste treatment methods**

**Product AS SOLD**

Product : Do not contaminate storm water drains, natural waterways or soil with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of contents/container in accordance with local regulations  
Dispose of wastes in an approved waste disposal facility.

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- Contaminated packaging : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.
- Guidance for Waste Code selection : Organic wastes containing dangerous substances. If this product is used in any further processes, the final user must redefine and assign the most appropriate European Waste Catalogue Code. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable European (EU Directive 2008/98/EC) and local regulations.

**Product AT USE DILUTION**

- Product : Diluted product can be flushed to sanitary sewer if regulations permit.
- Contaminated packaging : Dispose of in accordance with local, state, and federal regulations.

**Section: 14. TRANSPORT INFORMATION****Product AS SOLD**

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (ADR/ADN/RID)**

- 14.1 UN number or ID number : Not dangerous goods
- 14.2 UN proper shipping name : Not dangerous goods
- 14.3 Transport hazard class(es) : Not dangerous goods
- 14.4 Packing group : Not dangerous goods
- 14.5 Environmental hazards : Not dangerous goods
- 14.6 Special precautions for user : Not dangerous goods

**Sea transport (IMDG/IMO)**

- 14.1 UN number or ID number : Not dangerous goods
- 14.2 UN proper shipping name : Not dangerous goods
- 14.3 Transport hazard class(es) : Not dangerous goods
- 14.4 Packing group : Not dangerous goods
- 14.5 Environmental hazards : Not dangerous goods
- 14.6 Special precautions for user : Not dangerous goods
- 14.7 Maritime transport in bulk according to IMO instruments : Not dangerous goods

**INSTA-USE GLASS & MULTI-SURFACE CLEANER****Section: 15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

according to Detergents : 15 % or over but less than 30 %: Anionic surfactants  
 Regulation EC 648/2004 Other constituents: Perfumes  
 Preservation agents:  
 formaldehyde  
 Allergens:  
 Limonene  
 Linalool

Seveso III: Directive : Not applicable.  
 2012/18/EU of the European  
 Parliament and of the Council  
 on the control of major-  
 accident hazards involving  
 dangerous substances.

Candidate List of Substances : This product contains substances of very high concern  
 of Very High Concern for (Regulation (EC) No 1907/2006 (REACH), Article 57).  
 Authorisation Ethoxylated Octylphenol 9036-19-5

**National Regulations**

**Take note of Dir 94/33/EC on the protection of young people at work.**

Hazard class for water : WGK 2  
 Classification according to AwSV, Annex 1

German storage class : 12

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out on the product.

**Section: 16. OTHER INFORMATION****Procedure used to derive the classification according to REGULATION (EC) No 1272/2008**

Classification	Justification
Skin irritation 2, H315	Calculation method
Serious eye damage 1, H318	Calculation method
Chronic aquatic toxicity 3, H412	Calculation method

**Full text of H-Statements**

H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H336 May cause drowsiness or dizziness.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.



**INSTA-USE GLASS & MULTI-SURFACE CLEANER**

H412

Harmful to aquatic life with long lasting effects.

**Full text of other abbreviations**

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; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Prepared by : Regulatory Affairs

Numbers quoted in the MSDS are given in the format: 1,000,000 = 1 million and 1,000 = 1 thousand. 0.1 = 1 tenth and 0.001 = 1 thousandth

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Annex: Exposure Scenarios**

**INSTA-USE GLASS & MULTI-SURFACE CLEANER**

**Exposure Scenario: Glass cleaner. Spray and wipe manual process**

Life Cycle Stage : Widespread use by professional workers

Product category : **PC35** Washing and cleaning products (including solvent based products)

**Contributing scenario controlling environmental exposure for:**

Environmental release category : **ERC8a** Wide dispersive indoor use of processing aids in open systems

Daily amount per site : 7.5 kg

Type of Sewage Treatment Plant : Municipal sewage treatment plant

**Contributing scenario controlling worker exposure for:**

Process category : **PROC10** Roller application or brushing

Exposure duration : 480 min

Operational conditions and risk management measures : Indoor

Local Exhaust Ventilation is not required

General ventilation Ventilation rate per hour 1

Skin Protection : see section 8

Respiratory Protection : see section 8

**Contributing scenario controlling worker exposure for:**

Process category : **PROC11** Non industrial spraying

Exposure duration : 60 min

Operational conditions and risk management measures : Indoor

Local Exhaust Ventilation is not required

General ventilation Ventilation rate per hour 1

Skin Protection : see section 8

Respiratory Protection : see section 8