

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

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

- **1.1 Product identifier**
- **Trade name:** 605 Deep Clean Plus Sanitiser
- **Unique Formula Identifier (UFI):** 57TV-00KH-M00V-RVRQ
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- **Application of the substance/the mixture:** Concentrated liquid disinfectant for hard surfaces.
- **1.3 Details of the supplier of the safety data sheet:**
- **Address and telephone number of the supplier:**
Kitchenmaster (NI) Limited.
11 Comber Road
Carryduff, Belfast
BT8 8AN
United Kingdom
Phone: (UK) +44 (0) 28 9184777
- **Email contact:**
sales@kitchenmaster-ni.com
- **1.4 Emergency telephone number:** The National Poisons Information Centre (NPIC)
Public: +353 (0) 1 809 2166 (7 days a week, 8am- 10pm)
Healthcare professionals: +353 (0) 1 809 2566 (24 h service)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **In accordance with Regulation (EC) No 1272/2008**



GHS05 corrosion

Met. Corr. 1	H290 May be corrosive to metals.
Skin Corr. 1B	H314 Causes severe skin burns and eye damage.
Eye Dam. 1	H318 Causes serious eye damage.



GHS09 environment

Aquatic Acute 1	H400 Very toxic to aquatic life.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **In accordance with Regulation (EC) No 1272/2008.**
The product is labelled according to the regulation.
- **Hazard pictograms**



GHS05 GHS09

(contd. on page 2)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 1)

- **Signal word** Danger
- **Hazard-determining components of labelling:**
2-aminoethanol
didecyldimethylammonium chloride
Alcohols, C9-11, branched an linear, ethoxylated
- **Hazard statements**
May be corrosive to metals.
Causes severe skin burns and eye damage.
Very toxic to aquatic life with long lasting effects.
- **Precautionary statements**
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/attention.
- **Supplemental information in terms of art. 25 CLP-Regulation (EC) Nr. 1272/2008:**
As the information cannot be stated sufficiently legible on the label, it is also available in the safety data sheet which can be downloaded by means of the QR code (on the label). According to art. 35 of the UK REACH Regulation, the safety data sheet has to be provided to each employee anyway.
- **a) Identity of every active substance and its concentration in metric units:** see product label
- **b) Nanomaterials contained in the product:** Does not contain any nanomaterial.
- **c) Authorisation number:**
This biocidal product is subject to the transitional periods of Art. 89 BPR.
- **d) Name and address of the authorisation holder:**
This biocidal product is subject to the transitional periods of Art. 89 BPR.
- **e) Type of formulation:** SL, soluble concentrate
- **f) Intended or authorised applications:**
Product-type 2: Disinfectants and algacides not intended for direct application to humans or animals
Product-type 3: Veterinary hygiene
Product-type 4: Food and feed area
- **g) Directions for use, frequency of application and dose rate:**
For a bactericidal and levurocide effect: dilution in water: 4% (40 g/kg); contact time: 5 min.
For a fungicidal activity: Dilution in water: 5% (50 g/kg); Exposure time: 15 min.
Apply the product diluted to the application concentration on clean surfaces. Rinse the surfaces that will enter in contact with food. Allow to dry all other surfaces. Applications: mopping, wiping, spraying, flooding surfaces, immersing equipment and tools.
Further information: see product information
- **h) Particulars of likely direct or indirect adverse side effects and any directions for first aid:**
No undesired side effects known.
- **i) Leaflet, if applicable warnings for vulnerable groups:**
A leaflet will not be created because all required information for the industrial user is stated in the safety data sheet.
- **j) Directions for the safe disposal of the biocidal product and its packaging:**
Empty the container and close it tightly. Avoid soiling the outer wall of the container. Send container to professional reconditioning.
- **k) Formulation batch number or designation and the expiry date relevant to normal conditions of storage:**
see product label

(contd. on page 3)

CB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 2)

- **I) Further information:**
Cleaning of equipment: note instructions concerning decontamination under section 6.3.
- **m) Categories of users to which the biocidal product is restricted:** Professional user
- **n) Where applicable, information on any specific danger to the environment particularly concerning protection of non-target organisms and avoidance of contamination of water:**
see section 12
- **Additional information:**
For professional users only.
Read enclosed leaflet/safety data sheet before use by following the QR code.
- **2.3 Other hazards**
- **PBT-properties:** None
- **vPvB-properties:** None
- **Determination of endocrine-disrupting properties:** none

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Dangerous components:

CAS: 7173-51-5 EINECS: 230-525-2 Index number: 612-131-00-6 Reg.nr.: 01-2119945987-15	didecyldimethylammonium chloride ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411 ⚠ Acute Tox. 4, H302	2.5 - 10%
CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8 Reg.nr.: 01-2119486455-28	2-aminoethanol ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335 Aquatic Chronic 3, H412 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	2.5 - 10%
CAS: 68439-46-3 NLP: 500-446-0	Alcohols, C9-11, branched and linear, ethoxylated ⚠ Eye Dam. 1, H318 ⚠ Acute Tox. 4, H302	2.5 - 10%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	< 2.5%

- **Additional information:** Hazard statements see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- **Note:**
Obtain special instructions from the poison information centre: 0844-892-0111 (UK only)
Personal protection for the First Aider.
- **After inhalation:** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

(contd. on page 3)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 3)

If skin irritation occurs: Get medical advice/attention.

· **After eye contact:**

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

Consult an eye specialist immediately.

· **After swallowing:**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

Bring vomiting person into recovery position.

Do not give anything by mouth to an unconscious person.

· **Information for doctor:** Probable mucosal damage may contraindicate the use of gastric lavage.

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

Corrosive damage to gastro-intestinal tract.

· **Danger** Danger of gastric perforation.

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

If swallowed, gastric irrigation with activated carbon.

Rinse eyes thoroughly with physiological saline.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Product is non combustible. Use fire fighting measures that suit the environment.

· **Unsuitable extinguishing agents for reasons of safety:** None

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

In case of fire, toxic incineration products may be released such as:

Carbon monoxide (CO)

Hydrogen chloride (HCl)

Ammonia (NH₃)

· **5.3 Advice for firefighters**

· **Protective equipment:** Wear self-contained breathing apparatus.

· **Additional information**

Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

When selecting the protective suit attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots made of neoprene, complete face protection and nitrile-rubber-gloves with long tops should be worn.

· **6.2 Environmental precautions:**

As the product is hazardous for the aquatic environment, it must be prevented from reaching surface water.

Inform authorities in case of contamination of water or sewage system.

· **6.3 Methods and material for containment and cleaning up:**

Dam and absorb spillage with chemical binder.

(contd. on page 5)

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 4)

Suitable binder: binder for basic (alkaline) substances (alkaline solutions) (labelling: B)
 Dispose of contaminated material as waste according to item 13.
 Decontamination procedure: Quats are incompatible with anionic compounds, e. g. with anionic surfactants. If product is released unintentionally into waste water, drain the contaminated waste water and collect it in an appropriate container. Adjust with sodium lauryl sulphate solution (concentration twice as high as the active ingredient in the wastewater) to a mixture ratio of 1:1. Request further instructions from the supplier. Polluted surfaces can be decontaminated with a 10% sodium lauryl sulphate solution.

· **6.4 Reference to other sections** None

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Provide good room ventilation or local exhaust ventilation at the workplace.
 Avoid pollution of the air at the workplace, caused e. g. by aerosol formation or by product heating.
 Clean contaminated work equipment immediately to avoid skin corrosion/-irritation and/or allergic skin reactions in case of unconscious skin contact.

· **Information about protection against explosion and fire:** No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Requirements to be met by storerooms and containers:

Should be stored in the delivery-container preferably.

· **Information about storage in a common storage facility:** none

· Further information about storage conditions:

Prevent release to the environment by adequate secondary containment design and use of appropriate spill control procedures.

· **Minimum storage temperature:** > 5 °C

· **Sensitivity against frost:** Protect from frost.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with critical values that require monitoring at the workplace:

141-43-5 2-aminoethanol (2.5 - 10%)

WEL (Great Britain)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Sk
---------------------	---

IOELV (European Union)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Skin
------------------------	---

67-63-0 propan-2-ol (< 2.5%)

WEL (Great Britain)	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
---------------------	--

· **Additional information:** Information valid at the time of review of safety data sheet.

(contd. on page 6)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 5)

· 8.2 Exposure controls

· **Technical protective equipment:**

In case of contamination devices to rinse eyes or skin immediately under running water must be available.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Avoid contact with the eyes and the skin.

Wash hands during work breaks and at the end of the shift.

Use skin cream for skin protection.

Provide skin protection plan.

· **Respiratory protection:** Not required.

· **Hand protection**



Chemical protective gloves (EN ISO 374-1:2016)

Wear protective gloves with long gauntlets preferably.

Check the condition of protective gloves after each use for any damages like holes, cuts or tears.

After use of gloves apply skin-cleaning agents and skin cosmetics.

Do not wear protective gloves longer than necessary.

· **Material of gloves** Nitrile rubber, NBR

· **Penetration time of glove material:**

Thickness: 0.4 mm; break-through time: 480 min; material: Nitrile; permeation: level 6

· **Gloves made of the following materials are not suitable:**

Gloves for mechanical protection do not provide protection against chemicals.

· **Eye/face protection**



Face shield/visor (EN 166:2001)

Use visor in combination with goggle.

· **Body protection:**



Protective clothing (EN 14605:2009-08)

Entire head, face and neck protection.



Apron

· **Risk management measures**

The operators shall be instructed adequately.

The workplace shall be inspected regularly by competent personnel e.g. the safety representative.

CB

(contd. on page 7)

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 6)

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **Physical state:** liquid
- **Colour:** Pink
Clear
- **Odour:** Odourless
- **Melting point/freezing point:** Not determined.
- **Boiling point or initial boiling point and boiling range** ca. 100 °C (H₂O)
- **Flammability** Product is not inflammable.
- **Lower and upper explosion limit** Not applicable
- **Flash point:** The mixture has no flashpoint.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **pH at 20 °C** 12.2-12.8
strongly alkaline
- **Viscosity:**
- **dynamic (η):** Not determined
- **Solubility**
- **Water:** Fully miscible
- **Partition coefficient n-octanol/water (log value)** see section 12
- **Vapour pressure at 20 °C:** 23 hPa (H₂O)
- **Density and/or relative density**
- **Density at 20 °C:** 1.005 - 1.015 g/cm³
- **Relative density (D₂₀⁴):** Not determined
- **Relative gas density** Not relevant for safety
- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
There is evidence for metal corrosion that warrants a classification to Met. Corr. 1, H290 - "May be corrosive to metals".
- **10.2 Chemical stability**
- **Conditions to be avoided:**
Before handling, the product should not be diluted or mixed with other chemicals, in order to avoid any negative influences on the ingredient(s).
- **Minimum shelf life:** 24 months from production date.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
None, if storage and handling is done according to specification.

GB

(contd. on page 8)

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 7)

SECTION 11: Toxicological information

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

· **Acute toxicity** Based on available data, the classification criteria are not met.

· Acute toxicity estimates (ATE) or LD₅₀/LC₅₀ values:

oral	ATE	> 2000 mg/kg (calculated)
dermal	ATE	> 5000 mg/kg (calculated)

· **Skin corrosion/irritation:** Causes severe skin burns and eye damage.

· Results of studies:

7173-51-5 didecyldimethylammonium chloride

OECD 404	(rabbit)
	corrosive - S 463

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

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

· Results of studies:

7173-51-5 didecyldimethylammonium chloride

OECD 406 (Buehler-Test)	(Guinea pig)
	not sensitising - S 464

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

11.2 Information on other hazards

· Endocrine disrupting properties

Data on endocrine disrupting properties for human health are not available.

SECTION 12: Ecological information

12.1 Toxicity

· Aquatic toxicity:

7173-51-5 didecyldimethylammonium chloride

EC ₅₀ / 72 h	0.06 mg/l (Pseudokirchneriella subcapitata) (OECD 201) S 3227
EC ₅₀ / 48 h	0.03 mg/l (Daphnia) (OECD 202) S 452
LC ₅₀ / 96 h	0.49 mg/l (Brachydanio rerio) (OECD 203) S 451
NOEC / 21 d	0.021 mg/l (Daphnia) (OECD 211) S 566
NOEC / 72 h	0.013 mg/l (Pseudokirchneriella subcapitata) (OECD 201) S 3227

· Evaluation:

Very toxic to aquatic life.

(contd. on page 8)

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 8)

Harmful to aquatic life with long lasting effects.

· Effect on activated sludge organisms:

7173-51-5 didecyldimethylammonium chloride

EC₅₀ / 3 h 17.9 mg/l (OECD 209)
S 3256

EC₂₀ / 3 h 8.9 mg/l (OECD 209)
S 3256

· **Evaluation:** Depending on concentration, toxic effects on activated sludge organisms are possible.

· 12.2 Persistence and degradability

· Rapid degradability of organic substances:

7173-51-5 didecyldimethylammonium chloride

OECD 301 D Closed-Bottle-Test > 70 %
S 598

OECD 307 Aerobic and Anaerobic Transformation Soil 11 d
S 4903

· Evaluation:

The component(s) is (are) rapidly degradable.

Substances are considered rapidly degradable in the environment if one of the following criteria holds true: if, in 28-day ready biodegradation studies, at least the following levels of degradation are achieved within 10 days of the start of degradation: 70% dissolved organic carbon or 60% oxygen depletion or carbon dioxide generation; (see GB CLP-Regulation Annex I section 4.1.2.9 and GB CLP Guidance version 4.1 Annex II.2).

Criterion: if e.g. the degradation half-life of the primary biodegradation of the substance in a simulation test with regard to the degradation in soil is maximum 16 days and the degradation products are not classified as hazardous (see GB CLP-Regulation Annex I section 4.1.2.9 and GB CLP Guidance version 4.1 Annex II.2).

· Behaviour in sewage treatment plants:

7173-51-5 didecyldimethylammonium chloride

OECD 303 A: Activated Sludge Units > 99 %
S 2118

· **Evaluation:** The component(s) is (are) biodegradable in activated sludge units.

· 12.3 Bioaccumulative potential

· Bioconcentration factor (BCF) / octanol/water partition coefficient (LogKow):

7173-51-5 didecyldimethylammonium chloride

OECD 305 Bioconcentration factor 81 (fish)
literature

OECD 117 Log Kow Partition Coefficient (n-octanol/water)
not determinable

· **Evaluation:** Not worth-mentioning accumulating in organisms

· **12.4 Mobility in soil** No further relevant information available.

· 12.5 Results of PBT and vPvB assessment

· **Persistent, bioaccumulative and toxic substances (PBT):** none

· **Very persistent and very bioaccumulative substances (vPvB):** none

· 12.6 Endocrine disrupting properties

Data on endocrine disrupting properties on the environment are not available.

(contd. on page 10)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 9)

- **12.7 Other adverse effects**
- **Metals and their compounds (Directive 2006/11/EC):** None
- **European Water Framework Directive (2000/60/EC):**
The product does not contain any priority substances according WFD that require a water monitoring.
- **Absorbable organic halogen compounds (AOX - DIN EN ISO 9562 H 14):**
The product does not contain organically bounded halogens (AOX-free).
Care should be paid to properly washing out the chloride when performing the AOX method.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Hazardous waste. Separate waste disposal to be applied.
Appropriate disposal operations according to Directive 2008/98/EC on waste: D 10 Incineration on land

- **European waste catalogue**

16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 03 00	off-specification batches and unused products
16 03 05*	organic wastes containing hazardous substances
HP8	Corrosive
HP14	Ecotoxic

- **Contaminated packaging:**
- **Recommendation:**
Packaging can be reused or recycled after cleaning.
Cleaning liquid can be fed to a biological wastewater treatment plant.
Empty packaging must be reconditioned to be reused or recycled.
Uncleaned packaging must not be given to private consumers.
For further information concerning the return of packaging, please contact sds@thor.com

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** UN3267
- **14.2 UN proper shipping name**
- **ADR, IATA** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
(didecyldimethylammonium chloride, 2-aminoethanol)
- **IMDG** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
(didecyldimethylammonium chloride, 2-aminoethanol), MARINE POLLUTANT

(contd. on page 11)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 10)

· 14.3 Transport hazard class(es)

· ADR



· Class 8 (C7) Corrosive substances.
 · Label 8

· IMDG



· Class 8 Corrosive substances.
 · Label 8

· IATA



· Class 8 Corrosive substances.
 · Label 8

· 14.4 Packing group

· ADR, IMDG, IATA II

· 14.5 Environmental hazards:

· Marine pollutant:

Product contains environmentally hazardous substances: didecyldimethylammonium chloride
 Yes

· Special marking (ADR):

Symbol (fish and tree)
 Symbol (fish and tree)

· 14.6 Special precautions for user

Warning: Corrosive substances.

· Kemler Number:

80

· EmS Code:

F-A,S-B

· Segregation groups

(SGG18) Alkalies

· Stowage Category

B

· Stowage Code

SW2 Clear of living quarters.

· Segregation Code

SG35 Stow "separated from" SGG1-acids

· 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

· Transport/Additional information:

· ADR

· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· Transport category

2

(contd. on page 12)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 11)

· Tunnel restriction code	E
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IATA	
· Remarks:	Packing Instructions / max. net weight: Passenger aircraft: 851 / 1 L; Cargo aircraft: 855 / 30 L
· UN "Model Regulation":	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (DIDECYLDIMETHYLAMMONIUM CHLORIDE, 2-AMINOETHANOL), 8, II, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU - Seveso III
- Named dangerous substances - ANNEX I none
- Qualifying quantity of dangerous substances for the application of lower-tier requirements: 100 t
- Qualifying quantity of dangerous substances for the application of upper-tier requirements: 200 t
- REGULATION (EC) No 1907/2006 ANNEX XVII:
Restrictions for the substance, the group of substances or the mixture: 3

- Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- REGULATION (EU) 2019/1148

- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

- Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

- Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

- National regulations:

- Information about limitation of use:

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

Take note of Directive 92/85/EC on the safety and health of pregnant women at work.

- Volatile organic carbons (VOC):

- Directive 2010/75/EU: 6.30 %

(contd. on page 12)

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 12)

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This data is based on our current knowledge. However, it does not constitute a guarantee for any specific product feature nor does it establish a legally valid contractual relationship.

· **Relevant hazard statements:**

H225 Highly flammable liquid and vapour.
 H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H400 Very toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

· **Methods of evaluating information used for the purpose of classification:**

The classification includes the relevant available information about the mixture or the substances contained therein.

The evaluation of the available information within the scope of classification refers to the forms and aggregate states in which the mixture has been placed on the market and will be used most likely.

Corrosive to metals	Expert judgement
Skin corrosion/irritation Serious eye damage/irritation Hazardous to the aquatic environment - short-term (acute) aquatic hazard Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	Calculation method

· **Abbreviations and acronyms:**

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
 EN ISO: iso norm adopted as a European standard
 DIN EN: European norm adopted as a German standard
 OECD: Organisation for Economic Co-operation and Development
 ECxx: Effect concentration, xx percent
 NOEC: No Observed Effect Concentration
 UN: United Nations
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 GB CLP: Classification, Labelling and Packaging
 IMO: International Maritime Organization
 UK REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
 U.S. EPA: United States Environmental Protection Agency
 FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act
 Flam. Liq. 2: Flammable liquids – Category 2
 Met. Corr.1: Corrosive to metals – Category 1
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1

(contd. on page 14)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

version number 1.0

revision: 26.07.2023

Trade name: 605 Deep Clean Plus Sanitiser

(contd. of page 13)

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· Key literature references and sources for data:

Data source(s): Biocidal product dossier(s)

Own studies (reference to S-number).

Further information regarding physical-chemical, toxicological and ecotoxicological properties of the substances contained, can be taken from the data set for the substance (<http://echa.europa.eu/en/>).

· * Data altered since the previous version.

GB