

Safety data sheet

according to regulation 1907/2006 (REACH) + 2015/830 (EU)

Printing date 17.10.2022

Version number 2

Revision: 17.10.2022

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

*** 1.1 Product identifier**

* **Trade name:** MultiClick

* **Article number:** 4324

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

No further relevant information available.

* **Application of the substance / the mixture** Cleaning agent/ Cleaner

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

* **Manufacturer/Supplier:**

Clean Solutions Group

Bliek 8

4941 SG Raamsdonksveer - NL

Tel.: +31 (0)162 - 57 6 222

Email: info@cleansolutionsgroup.eu

Website: www.cleansolutionsgroup.eu

*** 1.4 Emergency telephone number:**

Clean Solutions Group: +31 (0)162 - 57 62 29

National Poisons Information Service

+44 121 507 4123

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

*** 2.1 Classification of the substance or mixture**

*** Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

*** 2.2 Label elements**

*** Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

*** Hazard pictograms**



GHS07

*** Signal word** Warning

*** Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

*** Precautionary statements**

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

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- * **2.3 Other hazards**
- * **Results of PBT and vPvB assessment**
- * **PBT:** Not applicable.
- * **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients
*** 3.2 Chemical characterisation: Mixtures**
*** Description:** Mixture of substances listed below with nonhazardous additions.

*** Dangerous components:**

CAS: 141-43-5 EINECS: 205-483-3 Reg.nr.: 01-2119486455-28-XXXX	2-aminoethanol ⚠ Skin Corr. 1A, 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	1-5%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	≤1%
CAS: 2605-79-0 EINECS: 220-020-5 Reg.nr.: 01-2119959297-22-xxxx	Alkyl dimethylamine oxide ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	≤1%
CAS: 126-71-6 EINECS: 204-798-3 Reg.nr.: 01-2119957118-32-0000	triisobutyl phosphate ⚠ Skin Sens. 1, H317	≤1%

SECTION 4: First aid measures
*** 4.1 Description of first aid measures**

- * **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- * **After skin contact:** Immediately rinse with water.
- * **After eye contact:** Rinse opened eye for several minutes under running water.
- * **After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures
*** 5.1 Extinguishing media**
*** Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

*** 5.2 Special hazards arising from the substance or mixture** No further relevant information available.

*** 5.3 Advice for firefighters**
*** Protective equipment:** No special measures required.

SECTION 6: Accidental release measures
*** 6.1 Personal precautions, protective equipment and emergency procedures** Not required.

*** 6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

*** 6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

*** 7.1 Precautions for safe handling** No special precautions are necessary if used correctly.

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

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

*** Storage:**

*** Requirements to be met by storerooms and receptacles:** No special requirements.

*** Information about storage in one common storage facility:** Not required.

*** Further information about storage conditions:** None.

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

SECTION 8: Exposure controls/personal protection

*** 8.1 Control parameters**

*** Additional information about design of technical facilities:** No further data; see item 7.

*** Ingredients with limit values that require monitoring at the workplace:**

141-43-5 2-aminoethanol

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

112-34-5 2-(2-butoxyethoxy)ethanol

WEL	Short-term value: 101.2 mg/m ³ , 15 ppm
	Long-term value: 67.5 mg/m ³ , 10 ppm

*** Additional information:** The lists valid during the making were used as basis.

*** 8.2 Exposure controls**

*** Personal protective equipment:**

*** General protective and hygienic measures:** Wash hands before breaks and at the end of work.

*** Respiratory protection:** Not necessary if room is well-ventilated.

*** Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

*** Material of gloves**

Material : butyl rubber + nitrile

Thickness of the glove : ≥ 0.7 mm

Penetration time : ≥ 480 min

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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*** Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

*** Eye protection:**


Safety glasses

*** Body protection:** Use protective suit.

SECTION 9: Physical and chemical properties
*** 9.1 Information on basic physical and chemical properties**
*** General Information**
*** Appearance:**
Form: Liquid

Colour: Clear

*** Odour:** Weak, characteristic

*** Odour threshold:** Not determined.

*** pH-value at 20 °C:** 11

*** Change in condition**
Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: Undetermined.

*** Flash point:** Not applicable.

*** Flammability (solid, gas):** Not applicable.

*** Decomposition temperature:** Not determined.

*** Auto-ignition temperature:** Product is not selfigniting.

*** Explosive properties:** Product does not present an explosion hazard.

*** Lower:** Not determined.

*** Upper:** Not determined.

*** Vapour pressure:** Not determined.

*** Density at 20 °C:** 1 g/cm³
*** Relative density** Not determined.

*** Vapour density** Not determined.

*** Evaporation rate** Not determined.

*** Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

*** Partition coefficient: n-octanol/water:** Not determined.

*** Dynamic:** Not determined.

*** Kinematic:** Not determined.

*** Solvent content:**
VOC

3.97 %

*** 9.2 Other information**

No further relevant information available.

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SECTION 10: Stability and reactivity

- * **10.1 Reactivity** No further relevant information available.
- * **10.2 Chemical stability**
- * **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- * **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:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- * **11.1 Information on toxicological effects**
 - * **Acute toxicity** Based on available data, the classification criteria are not met.
 - * **LD/LC50 values relevant for classification:**
- | 141-43-5 2-aminoethanol | | |
|-------------------------------------|----------|----------------------|
| Oral | LD50 | 2,050 mg/kg (rat) |
| Dermal | LD50 | 1,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 11 mg/l (ATE) |
| 112-34-5 2-(2-butoxyethoxy)ethanol | | |
| Oral | LD50 | 5,660 mg/kg (rat) |
| Dermal | LD50 | 4,000 mg/kg (rabbit) |
| 2605-79-0 Alkyl dimethylamine oxide | | |
| Oral | LD50 | 500 mg/kg (ATE) |
- * **Primary irritant effect:**
 - * **Skin corrosion/irritation**
Causes skin irritation.
 - * **Serious eye damage/irritation**
Causes serious eye irritation.
 - * **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
 - * **Additional toxicological information:**
 - * **CMR effects (carcinogenicity, mutagenicity, and toxicity for reproduction)**
 - * **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.

SECTION 12: Ecological information

- * **12.1 Toxicity**
- * **Aquatic toxicity:** No further relevant information available.
- * **12.2 Persistence and degradability** No further relevant information available.
- * **12.3 Bioaccumulative potential** No further relevant information available.
- * **12.4 Mobility in soil** No further relevant information available.
- * **Additional ecological information:**
- * **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

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Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

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

* **PBT:** Not applicable.

* **vPvB:** Not applicable.

* **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

*** 13.1 Waste treatment methods**

*** Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

*** Uncleaned packaging:**

* **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

*** 14.1 UN-Number**

* **ADR, IMDG, IATA**

Void

*** 14.2 UN proper shipping name**

* **ADR, IMDG, IATA**

Void

*** 14.3 Transport hazard class(es)**

* **ADR, ADN, IMDG, IATA**

* **Class**

Void

*** 14.4 Packing group**

* **ADR, IMDG, IATA**

Void

*** 14.5 Environmental hazards:**

Not applicable.

*** 14.6 Special precautions for user**

Not applicable.

*** 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

*** UN "Model Regulation":**

Void

SECTION 15: Regulatory information

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

* **Directive 2012/18/EU**

* **Named dangerous substances - ANNEX I** None of the ingredients is listed.

* **National regulations:**

* **Technical instructions (air):**

Class	Share in %
NK	4.0

* **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

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

SECTION 16: Other information

The information given in this Material Safety Sheet refer to the product described in this sheet, and is provided in the supposition that the product will be used in a proper way and for the purpose indicated by the manufacturer.

It is the responsibility of the user to take advised precautions, and also to make sure that this information is complete and sufficient for the use of the product. It is recommended to pass this information, if necessary, in an adapted form, to personnel and other interested parties.

Manufacturer does not carry any responsibility for use of the product, in any way, which is not in accordance with the instructions and the purposes indicated by the manufacturer.

* **Relevant phrases**

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

* **Classification according to Regulation (EC) No 1272/2008**

Based on test data and own calculation method

* **Abbreviations and acronyms:**

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
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
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 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

* **Sources** <http://echa.europa.eu>

* **Data compared to the previous version altered.** *