

according to regulation (EC) No. 1907/2006 (REACH) with its amendment regulation (EU) 2015/830 Issue date: 3/30/2020

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

1.1. Product identifier

Product form: Mixture

Product name: Cleaning and disinfection set

Product code: 117.0133

Type of product: Biocidal products (e.g. Disinfectants, pest control)

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: Ready to use product

Use of the substance/mixture: Disinfectant, Bactericide, Fungicide, Detergent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

KS TOOLS Werkzeuge-Maschinen GmbH

Seligenstädter Grund 10 - 12

63150 Heusenstamm

Tel.: 06104 4974-0 Fax: 06104 4974-11

Mail: aftersales@kstools.com

1.4. Emergency telephone number

Emergency number:

EMERGENCY CONTACT - UK, UAE,

South Africa (24h): Tel: ++44 1865407333 (English) TRANSPORT EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel: ++44 1865 407333 (English)

GIFTNOTRUF/TRANSPORTNOTRUF -

Deutschland, Österreich, Schweiz, Luxemburg (24h)

Tel: +49 89 220 61012 / 0800 000 7801 (Deutsch, Englisch) Numéro d'appel d'urgence en cas d'intoxication/d'accident -Suisse, Luxembourg (24h): Tel: ++33 1 7211 0003 (Français)

Emergency number: 112



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Section 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids: Not classified

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

Precautionary statements (CLP):

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

2.3. Other hazards

No additional information available.

Section 3: Composition / information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

Section 4: First aid measures

4.1. Description of first aid measures

First-aid measures general:

Never give anything by mouth to an unconscious person. In all cases of doubt, or when symptoms persist, seek medical attention.

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing.



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First-aid measures after skin contact:

Wash skin with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch.

First-aid measures after eye contact:

Rinse eyes with water as a precaution.

First-aid measures after ingestion:

Give nothing to eat or drink. Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media:

Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Reactivity in case of fire:

Fire will produce dense black smoke. Decomposition products may be a hazard to health. Do not breathe fumes.

Hazardous decomposition products in case of fire:

Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides. Nitrogen dioxide.

5.3. Advice for firefighters

Precautionary measures fire:

Prevent unauthorised access.

Firefighting instructions:

Exercise caution when fighting any chemical fire.

Protection during firefighting:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.



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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures:

See Heading 7. See Heading 8.

6.1.1. For non-emergency personnel:

Emergency procedures:

Ventilate spillage area. Do not touch or walk on the spilled product.

6.1.2. For emergency responders:

Protective equipment:

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Do not allow to enter drains or water courses. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up:

Take up liquid spill into absorbent material. Clean contaminated surfaces with an excess of water. Clean preferably with a detergent - Avoid the use of solvents.

Other information:

Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling:

Ensure good ventilation of the work station. Observe the label precautions. Containers which are opened should be properly resealed and kept upright to prevent leakage. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Contaminated work clothing should not be allowed out of the workplace.

Hygiene measures:

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.



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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep only in original container. Store in a dry place. Always keep container in upright position. Keep the container hermetically sealed. Cannot withstand frost. Keep container tightly closed. The floor of the depot should be impermeable and designed to form a watertight basin.

Packaging materials:

Store in original container.

7.3. Specific end use(s)

No additional information available.

Section 8: Exposure controls / personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment that is clean and has been properly maintained.

Hand protection:						
Chemical res	Chemical resistant gloves (according to European standard NF EN 374 or equivalent)					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard	
waterproof gloves					EN ISO 374	

Eye protection:

Avoid contact with eyes. Before handling, wear safety goggles with protective sides accordance with standard EN166. Provide eyewash stations in facilities where the product is handled constantly.

Туре	Use	Characteristics	Standard	
Safety glasses	Droplet	With side shields	EN 166	

Skin and body protection:

Wear suitable protective clothing. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner



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Personal protective equipment symbol(s):







Environmental exposure controls:

Avoid release to the environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Clear
Colour:	Colourless
Odour:	characteristic
Odour threshold:	No data available
рН:	10.5 (10 – 11) (Pure product)
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Not applicable
Vapour pressure:	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	1 (0.95 – 1.05) at 20 °C
Solubility:	soluble in water
Partition coefficient n-octanol/water (Log Pow):	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2. Other information

No additional information available



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Section 10: Stability and reactivity

10.1. Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability:

Stable under normal conditions.

10.3. Possibility of hazardous reactions:

No additional information available

10.4. Conditions to avoid:

Freezing.

10.5. Incompatible materials:

No additional information available

10.6. Hazardous decomposition products:

Thermal decomposition may produce: Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides. Nitrogen dioxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Toxic if inhaled.:	Not classified
Skin corrosion/irritation:	Not classified
	pH: 10.5 (10 – 11) (Pure product)
Serious eye damage/irritation:	Not classified
	pH: 10.5 (10 – 11) (Pure product)
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



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Section 12: Ecological information

12.1. Toxicity

Ecology - general:

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute):

Not classified

Hazardous to the aquatic environment, long-term (chronic):

Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste):

Appropriate management of the waste from the mixture and / or its container must be determined in accordance with the provisions of DIRECTIVE (EU) 2018/851 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 May 2018 amending Directive 2008/98 / EC on waste.

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions. Avoid release to the environment.

Product / Packaging disposal recommendations:

After use, container has to be completely emptied and closed. Keep the label on the recipient. Remove to an authorized waste treatment plant.



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Ecology - waste materials:

Waste management is done without endangering human health and without harming the environment, and in particular without creating risk for water, air, soil, fauna or flora. Recycle or dispose of in compliance with current legislation. Do not contaminate soil or water with waste, do not dispose of in the environment.

Section 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper s	hipping name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport ha	azard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing gro	up			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary	information available)		

14.6. Special precautions for user:

Overland transport:

Not applicable

Transport by sea:

Not applicable

Air transport:

Not applicable

Inland waterway transport:

Not applicable

Rail transport:

Not applicable

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

Not applicable



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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.

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals: Didecyldimethylammonium chloride (7173-51-5).

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

This product contains biocidal products.

Type of product (Biocide): 2 - Disinfectants and algaecides not intended for direct application to humans or animals, 4 - Food and feed area.

Authorisation number:

Contains: Didecyldimethylammonium chloride (0.30 %)

15.1.2. National regulations

France

Occupational diseases:

RG 49 - Affections cutanées provoquées par les amines aliphatiques, alicycliques ou les éthanolamines RG 49 BIS - Affections respiratoires provoquées par les amines aliphatiques, les éthanolamines ou l'isophoronediamine

RG 65 - Lésions eczématiformes de mécanisme allergique.

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
2630.text	Détergents et savons (fabrication de ou à base de) à l'exclusion des activités classées au titre de la rubrique 3410. La capacité de production étant		
2630.a	a) Supérieure à 50 t/ j	А	2
2630.b	b) Supérieure ou égale à 1 t/ j mais inférieure ou égale à 50 t/ j	D	
3440.text	Fabrication en quantité industrielle par transformation chimique ou biologique de produits phytosanitaires ou de biocides	A	3



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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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		
BLV	Biological limit value		
CAS-No.	Chemical Abstract Service number		
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008		
DMEL	Derived Minimal Effect level		
DNEL	Derived-No Effect Level		
EC50	Median effective concentration		
EC-No.	European Community number		
EN	European Standard		
IATA	International Air Transport Association		
IMDG	International Maritime Dangerous Goods		
LC50	Median lethal concentration		
LD50	Median lethal dose		
LOAEL	Lowest Observed Adverse Effect Level.		
NOAEC	No-Observed Adverse Effect Concentration		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OEL	Occupational Exposure Limit		
PBT	Persistent Bioaccumulative Toxic		
PNEC	Predicted No-Effect Concentration		
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail		
SDS	Safety Data Sheet		
vPvB	Very Persistent and Very Bioaccumulative		
WGK	Water Hazard Class		



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Other information:

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.