

Omnicleaner

Safety Data Sheet

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

Date of issue: 11/26/2012

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Supersedes: 6/1/2015 Version: 1.2

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

1.1. Product identifier

Product form : Mixtures
Product name : Omnicleaner
Product code : 1129000
Product group : Cleaning product.

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Use of the substance/mixture : Cleaning product.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

W.V.T. Industries NV
Industrieweg 6
2630 Aartselaar - België
T +32 (0)3/870.70.90 - F +32 (0)3/887.03.72
info@wvt.be - www.wvt.be

Distributor

KMP Marketing Ltd
Unit I, 12/F, MG Tower, N° 133 Hoi Bun Road
Kwun Tong, Kowloon - Hong Kong
T +852 2156 1248
info@kmpmarketinghk.com - www.kmpmarketinghk.com

1.4. Emergency telephone number

Emergency number : +32 70 245 245

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 1A H314

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Hazard statements (CLP) :

H314 - Causes severe skin burns and eye damage

Precautionary statements (CLP) :

P280 - Wear protective gloves, protective clothing, eye protection, face shield
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P363 - Wash contaminated clothing before reuse

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|---------|--|--|
| Methoxypropanol | (CAS No) 107-98-2 (EC no) 203-539-1 (REACH-no) 01-2119457435-35 | 15 - 30 | R10 R67 | Flam. Liq. 3, H226 STOT SE 3, H336 |
| Disodium metasilicate | (CAS No) 6834-92-0 (EC no) 229-912-9 (EC index no) 014-010-00-8 (REACH-no) 01-2119449811-37 | < 5 | C; R34 Xi; R37 | Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335 |
| Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)-(2-carboxyethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, disodium salts. | (CAS No) 68604-71-7 (EC no) 271-704-5 | < 5 | Xi; R36 | Eye Irrit. 2, H319 |
| Fatty alcohol, C12-14, ethoxylated | (CAS No) 68439-46-3 (EC no) Polymer | < 5 | Xn; R22 Xi; R41 Xi; R38 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 |

Full text of R- and H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : In all cases of doubt, or when symptoms persist, seek medical attention. |
| First-aid measures after inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Take to hospital. |
| First-aid measures after skin contact | : Remove contaminated clothes. Rinse skin with water/shower. Transport to hospital immediately. |
| First-aid measures after eye contact | : Rinse with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice and attention. |
| First-aid measures after ingestion | : Rinse mouth out with water. Do NOT induce vomiting. Transport to hospital immediately. |

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

| | |
|--------------------------------------|---|
| Symptoms/injuries after inhalation | : Unconsciousness. Dizziness. Headache. Nausea. Drowsiness. |
| Symptoms/injuries after skin contact | : Pungent. Pain. Redness. Severe burns. |
| Symptoms/injuries after eye contact | : Pungent. Pain. Redness. Blurred vision. |
| Symptoms/injuries after ingestion | : Caustic, lack of breath, vomiting, blisters on lips and tongue, burning pain in mouth and throat, gullet and stomach. |

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

None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|-----------------------------------|
| Suitable extinguishing media | : Water spray. Powder. Foam. CO2. |
| Unsuitable extinguishing media | : None. |

5.2. Special hazards arising from the substance or mixture

| | |
|------------------|---------|
| Fire hazard | : None. |
| Explosion hazard | : None. |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Precautionary measures fire | : No special precautions required. |
| Firefighting instructions | : No specific firefighting instructions required. |
| Protection during firefighting | : No specific measures are necessary. |
| Other information | : None. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | : Do not touch spilled material. Remove contaminated clothing and shoes. Do not breathe vapour. |
|------------------|---|

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6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb the product onto porous material.

6.4. Reference to other sections

Reference to other sections (8, 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle carefully. Avoid spillage.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed and in well ventilated place. Keep out of frost.
Storage area : Keep container tightly closed and in well ventilated place. Keep out of frost. Handle carefully.
Packaging materials : Suitable packing materials: Plastic. Packing material to avoid: Metal.

7.3. Specific end use(s)

Cleaning product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Omnicleaner | | |
|-------------|----------------------------------|--|
| Belgium | Limit value (mg/m ³) | Here follows a summary list of the hazardous components mentioned in paragraph 3, of which the TLV value is known: / 375 mg/m ³ 1-Methoxy-2-propanol |

8.2. Exposure controls

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

Hand protection:

Nitrile rubber gloves. Breakthrough time: > 480 Min, (EN 374). Layer thickness : 0,35 mm. Always wash hands after handling the product

Eye protection:

Safety glasses. Face-shield

Skin and body protection:

Impermeable clothing

Respiratory protection:

Ensure adequate air ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Universel mask (ABEK)



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : No data available
Odour : Characteristic.
Odour threshold : Not applicable
pH : 12.6 @ 20 °C
pH solution : /.

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| | |
|--|--------------------------------|
| Relative evaporation rate (butylacetate=1) | : 0.7 |
| Melting point | : 0 °C |
| Freezing point | : No data available |
| Boiling point | : 100 °C |
| Flash point | : /. |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : /. |
| Flammability (solid, gas) | : Not applicable. |
| Vapour pressure | : 2332 hPa @ 20 °C |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 1 kg/l @ 20 °C |
| Solubility | : Water: Completely soluble. |
| Log Pow | : No data available |
| Viscosity, kinematic | : 1 mm ² /s @ 20 °C |
| Viscosity, dynamic | : 1 mPa.s @ 20 °C |
| Explosive properties | : Not applicable. |
| Oxidising properties | : Not applicable. |
| Lower explosive limit (LEL) | : 3 vol % |
| Upper explosive limit (UEL) | : 12 vol % |

9.2. Other information

VOC content : 15 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Protect from sunlight. Do not expose to temperatures exceeding 50 °C

10.5. Incompatible materials

Keep away from (strong) acids.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| Omnicleaner | |
|---|---------------|
| LD50 oral rat | /. |
| LD50 dermal rat | /. |
| Methoxypropanol (107-98-2) | |
| LD50 oral rat | 4016 mg/kg |
| LD50 dermal rabbit | 2000 mg/kg |
| Fatty alcohol, C12-14, ethoxylated (68439-46-3) | |
| LD50 oral rat | 500 mg/kg |
| LD50 dermal rabbit | >= 5000 nl/kg |
| LC50 inhalation rat (mg/l) | >= 50 mg/l/4h |
| Imidazolium compounds, 1-[2-(2-carboxyethoxy)ethyl]-1(or 3)- (2-carboxyethyl)-4,5-dihydro-2-norcocho alkyl, hydroxides, disodium salts. (68604-71-7) | |
| LD50 oral rat | >= 5000 mg/kg |
| LD50 dermal rabbit | >= 5000 mg/kg |
| LC50 inhalation rat (mg/l) | >= 50 mg/l/4h |

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| Disodium metasilicate (6834-92-0) | |
|--|---------------|
| LD50 oral rat | 1152 mg/kg |
| LD50 dermal rabbit | >= 5000 mg/kg |
| LC50 inhalation rat (mg/l) | > 50 mg/l/4h |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Causes severe skin burns and eye damage. pH: 12.6 @ 20 °C |
| Serious eye damage/irritation | : Serious eye damage, category 1, implicit pH: 12.6 @ 20 °C |
| 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 |

| Omnicleaner | |
|----------------------|------------------------------|
| Viscosity, kinematic | 1 mm ² /s @ 20 °C |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available.

| Disodium metasilicate | |
|------------------------------|----------|
| EC50 72h algae (1) | 207 mg/l |

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

| Omnicleaner | |
|---------------------------|--------------------|
| Bioaccumulative potential | No data available. |

12.4. Mobility in soil

| Omnicleaner | |
|--------------------|------------------------------|
| Mobility in soil | WGK 1 |
| Ecology - soil | Completely soluble in water. |

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|--|
| Regional legislation (waste) | : Comply with local regulations for disposal. |
| Waste treatment methods | : Dilute with water. In case the undiluted product is discharged accidentally, neutralize to pH 7. |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations. |

SECTION 14: Transport information

In accordance with ADR

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not submitted to ADR

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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 15 %

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Indication of changes:

| Section | Changed item | Change | Comments |
|---------|--------------|--------|----------|
| 3 | | | |
| 11 | | | |

Full text of R-, H- and EUH-statements:

| | |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Met. Corr. 1 | Corrosive to metals, Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H226 | Flammable liquid and vapour |
| H290 | May be corrosive to metals |
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |

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| | |
|-----|----------------------------------|
| R22 | Harmful if swallowed |
| R34 | Causes burns |
| R36 | Irritating to eyes |
| R37 | Irritating to respiratory system |
| R38 | Irritating to skin |
| R41 | Risk of serious damage to eyes |
| C | Corrosive |
| Xi | Irritant |
| Xn | Harmful |

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