

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Masava Dan Quick

Product no.

11260

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Washing and Cleaning Products (including solvent based products) (PC 35)

Roller application or brushing Low energy spreading of e.g. coatings. Including cleaning of surfaces.

Substance can be inhaled as vapours, skin contact can occur through droplets, splashes, working with wipes and handling of treated sur-faces (PROC 10)

Other (SU 0)

Consumer uses: Private households (= general public = consumers) (SU 21)

Professional uses: Public domain (administration, education, entertainment, services, craftsmen) (SU 22)

Wide dispersive indoor use of processing aids in open systems (ERC8a)

Wide dispersive outdoor use of processing aids in open systems (ERC8d)

Uses advised against

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The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Masava Kemi ApS

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Contact person

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SDS date

19-02-2016

SDS Version

2.0

1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

SECTION 2: Hazards identification

▼ 2.1. Classification of the substance or mixture

Skin Corr. 1; H314

Eye Dam. 1; H318

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage. (H314)

Safety statement(s)	General	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
	Prevention	Do not breathe mist/vapours/fume/spray. (P260).
	Response	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. (P303+P361+P353).
	Storage	Store locked up. (P405).
	Disposal	Dispose of contents/container to an approved waste disposal plant. (P501).

Identity of the substances primarily responsible for the major health hazards

glutaral, Alcohols, C12-14, ethoxylated, sulfates, sodium salts, sodium hydroxide, sodium hypochlorite, orthophosphoric acid, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

2.3. Other hazards

Additional labelling

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Additional warnings

Tactile warning. If this product is sold retail, it must be delivered in a child-proof container.

VOC

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SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
IDENTIFICATION NOS.:	CAS-no: 85536-14-7 EC-no: 287-494-3 REACH-no: 01-2119490234-40
CONTENT:	5-10%
CLP CLASSIFICATION:	Acute Tox. 4, Skin. Corr. 1C, Aquatic Chronic 3 H302, H314, H412
NAME:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
IDENTIFICATION NOS.:	CAS-no: 68891-38-3 EC-no: 500-234-8 REACH-no: 01-2119488639-16-XXXX
CONTENT:	1-3%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1 H315, H318
NAME:	sodium hydroxide
IDENTIFICATION NOS.:	CAS-no: 1310-73-2 EC-no: 215-185-5 REACH-no: 01-2119457892-27 Index-no: 011-002-00-6
CONTENT:	<1%
CLP CLASSIFICATION:	Skin Corr. 1A H314
NAME:	Alkylalcohol(C9-C11), ethoxylated
IDENTIFICATION NOS.:	CAS-no: 68439-46-3
CONTENT:	<0.1%
CLP CLASSIFICATION:	Acute Tox. 4, Eye Dam. 1 H302, H318
NAME:	glutaral
IDENTIFICATION NOS.:	CAS-no: 111-30-8 EC-no: 203-856-5 REACH-no: 01-2119455549-26 Index-no: 605-022-00-X
CONTENT:	<0.05%
CLP CLASSIFICATION:	Acute tox. 3, Skin Corr. 1B, Resp. Sens. 1, Skin Sens. 1, Aquatic Acute 1 H301, H314, H317, H331, H334, H400 S
NOTE:	
NAME:	orthophosphoric acid
IDENTIFICATION NOS.:	CAS-no: 7664-38-2 EC-no: 231-633-2 Index-no: 015-011-00-6

According to EC-Regulation 1907/2006 (REACH)

CONTENT:	<0.05%
CLP CLASSIFICATION:	Skin Corr. 1B H314
NAME:	(R)-p-mentha-1,8-diene
IDENTIFICATION NOS.:	CAS-no: 5989-27-5 EC-no: 227-813-5 Index-no: 601-029-00-7
CONTENT:	<0.05%
CLP CLASSIFICATION:	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1 H226, H315, H317, H400, H410
NAME:	Cymbopogon winterianus, ext.
IDENTIFICATION NOS.:	CAS-no: 91771-61-8 EC-no: 294-954-7
CONTENT:	<0.05%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2 H315, H317, H318, H411
NAME:	eukalyptus citriodora oil
IDENTIFICATION NOS.:	CAS-no: 8000-48-4 EC-no: 286-249-8
CONTENT:	<0.05%
CLP CLASSIFICATION:	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2 H315, H317, H411
NAME:	tetrasodium ethylenediaminetetraacetate
IDENTIFICATION NOS.:	CAS-no: 64-02-8 EC-no: 200-573-9 REACH-no: 01-2119486762-27 Index-no: 607-428-00-2
CONTENT:	<0.05%
CLP CLASSIFICATION:	Acute tox. 4, Eye Dam. 1 H302, H318
NAME:	sodium hypochlorite
IDENTIFICATION NOS.:	CAS-no: 7681-52-9 EC-no: 231-668-3 Index-no: 017-011-00-1
CONTENT:	<0.05%
CLP CLASSIFICATION:	Skin Corr. 1B, Aquatic Acute 1 H314, H400, EUH031
NAME:	Terpineol, acetate
IDENTIFICATION NOS.:	CAS-no: 8007-35-0 EC-no: 232-357-5
CONTENT:	<0.01%
CLP CLASSIFICATION:	Aquatic Chronic 2 H411
NAME:	citral
IDENTIFICATION NOS.:	CAS-no: 5392-40-5 EC-no: 226-394-6 Index-no: 605-019-00-3
CONTENT:	<0.01%
CLP CLASSIFICATION:	Skin Irrit. 2, Skin Sens. 1 H315, H317
NAME:	Terpineol
IDENTIFICATION NOS.:	CAS-no: 8000-41-7 EC-no: 232-268-1
CONTENT:	<0.01%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 3 H315, H319, H412
NAME:	orangeoil
IDENTIFICATION NOS.:	CAS-no: 8028-48-6 EC-no: 232-433-8
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1 H226, H304, H315, H317, H400, H410
NAME:	2-benzylideneheptanal
IDENTIFICATION NOS.:	CAS-no: 122-40-7 EC-no: 204-541-5
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Skin Sens. 1, Aquatic Chronic 2 H317, H411
NAME:	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran
IDENTIFICATION NOS.:	CAS-no: 1222-05-5 EC-no: 214-946-9 Index-no: 603-212-00-7
CONTENT:	<0.0015%
CLP CLASSIFICATION:	Aquatic Acute 1, Aquatic Chronic 1 H400, H410

(*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.
S = Organic solvent

Other informations

ATEmix(inhale, vapour) > 20
ATEmix(inhale, dust/mist) > 20
ATEmix(inhale, dust/mist) > 20000

ATEmix(dermal) > 2000
ATEmix(oral) > 2000
Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 2,6696 - 4,0044
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 7,5728 - 11,3592
N chronic (CAT 4) Sum = Sum(Ci/M(chronic))*25*0.1*10^CAT4) = 0,2339296 - 0,3508944

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

Inhalation

Get the person into fresh air and stay with them.

Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Contact a doctor at once.

Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Not applicable

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

Tissue damaging effects: This product contains substances which are corrosive. If vapour or aerosols are inhaled, it can result in damage to lungs, irritation and burns in the respiratory organs as well as coughing. Corrosive substances cause irreversible damage to eyes and acid burns to skin.

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

This product contains substances that may cause an allergic reaction in people who are already so disposed.

Sensitivity effects: This product contains substances which can give an allergic reaction when inhaled. The allergic reaction allergy will typically set in an hour after exposure and give an inflammatory reaction in the lungs.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

No special

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

No special

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances. Avoid inhalation of vapours from waste material.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

6.4. Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original.

Storage temperature

Room temperature 18 to 23°C

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

orthophosphoric acid (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | 1 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | 2 mg/m³

glutaral (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 0.05 ppm | 0.2 mg/m³

Short-term exposure limit (15-minute reference period): 0.05 ppm | 0.2 mg/m³

Comments: Sen (Sk = Capable of causing respiratory sensitisation.)

sodium hydroxide (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m³

Short-term exposure limit (15-minute reference period): - ppm | 2 mg/m³

DNEL / PNEC

DNEL (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 15 mg/kg - Exposure: Oral - Duration: Long term – Systemic effects - General population

DNEL (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 1650 mg/kg - Exposure: Dermal - Duration: Long term – Systemic effects - General population

DNEL (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 52 mg/m³ - Exposure: Inhalation - Duration: Long term – Systemic effects - General population

DNEL (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 2750 mg/kg - Exposure: Dermal - Duration: Long term – Systemic effects - Workers

DNEL (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 175 mg/m³ - Exposure: Inhalation - Duration: Long term – Systemic effects - Workers

DNEL (tetrasodium ethylenediaminetetraacetate): 2,5 mg/kg - Exposure: Inhalation - Duration: Long term – Local effects - Workers

DNEL (tetrasodium ethylenediaminetetraacetate): 2,5 mg/kg - Exposure: Inhalation - Duration: Long term – Systemic effects - Workers

DNEL (tetrasodium ethylenediaminetetraacetate): 2,5 mg/kg - Exposure: Inhalation - Duration: Short term – Local effects - Workers

DNEL (tetrasodium ethylenediaminetetraacetate): 2,5 mg/m³ - Exposure: Inhalation - Duration: Short term – Systemic effects - Workers

DNEL (tetrasodium ethylenediaminetetraacetate): 1,5 mg/m³ - Exposure: Inhalation - Duration: Long term – Local effects - General population

DNEL (tetrasodium ethylenediaminetetraacetate): 1,5 mg/m³ - Exposure: Inhalation - Duration: Long term – Systemic effects - General population

DNEL (tetrasodium ethylenediaminetetraacetate): 1,5 mg/m³ - Exposure: Inhalation - Duration: Short term – Local effects - General population

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- DNEL (tetrasodium ethylenediaminetetraacetate): 1,5 mg/m³ - Exposure: Inhalation - Duration: Short term – Systemic effects - General population
 DNEL (tetrasodium ethylenediaminetetraacetate): 25 mg/kg - Exposure: Oral - Duration: Long term – Systemic effects - General population
 DNEL (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.): 170 mg/kg - Exposure: Dermal - Duration: Long term – Systemic effects - Workers
 DNEL (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.): 12 mg/m³ - Exposure: Inhalation - Duration: Long term – Systemic effects - Workers
- PNEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 0,946 mg/kg - Exposure: Soil
 PNEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 0,545 mg/kg - Exposure: Marine water
 PNEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 5,45 mg/kg - Exposure: Freshwater sediment
 PNEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 10 g/l - Exposure: Sewage Treatment Plant
 PNEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 0,071 mg/l - Exposure: Intermittent release
 PNEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 0,024 mg/l - Exposure: Marine water
 PNEC (Alcohols, C12-14, ethoxylated, sulfates, sodium salts): 0,24 mg/l - Exposure: Freshwater
 PNEC (tetrasodium ethylenediaminetetraacetate): 2,2 mg/l - Exposure: Freshwater
 PNEC (tetrasodium ethylenediaminetetraacetate): 0,22 mg/l - Exposure: Marine water
 PNEC (tetrasodium ethylenediaminetetraacetate): 0,72 mg/kg - Exposure: Soil
 PNEC (tetrasodium ethylenediaminetetraacetate): 43 mg/l - Exposure: Sewage Treatment Plant
 PNEC (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.): 0,268 mg/l - Exposure: Freshwater
 PNEC (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.): 0,0268 mg/l - Exposure: Marine water
 PNEC (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.): 0,0167 mg/l - Exposure: Intermittent release
 PNEC (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.): 8,1 mg/kg - Exposure: Freshwater sediment
 PNEC (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.): 3,43 mg/l - Exposure: Sewage Treatment Plant

8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

General recommendations

Observe general occupational hygiene.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values below.

Appropriate technical measures

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values (see below). Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible collect spillage during work.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

Special work clothing should be used. When working with this product for a long period of time, use a protective suit.

Hand protection

Use protective gloves. The concrete work situation is not known. Contact the suppliers of the gloves for help on the glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3.

Eye protection

Use safety glasses with a side shield.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour	pH	Viscosity	Density (g/cm ³)
Liquid	Pale yellow	-	7	-	-

Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

Data on fire and explosion hazards

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-
Explosion limits (Vol %)	Oxidizing properties	
-	-	

Solubility

Solubility in water	n-octanol/water coefficient
Soluble	-

9.2. Other information

Solubility in fat	Additional information
-	N/A

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
1,3,4,6,7,8-hexahydro-4,6,6,7,...	Rabbit	LD50	Dermal	> 5000 mg/kg
1,3,4,6,7,8-hexahydro-4,6,6,7,...	Rat	LD50	Oral	> 5000 mg/kg
2-benzylideneheptanal	Rat	LD50	Oral	3730 mg/kg
citral	Rabbit	LD50	Dermal	2250 mg/kg
citral	Rat	LD50	Oral	4950 mg/kg
Terpineol, acetate	Rat	LD50	Oral	5075 mg/kg
sodium hypochlorite	Rat	LD50	Oral	8200 mg/kg
tetrasodium ethylenediaminetet...	Rat	LD50	Oral	> 2000 mg/kg
tetrasodium ethylenediaminetet...	Rat	LC50	Inhalation	1000-5000 mg/m ³
(R)-p-mentha-1,8-diene	Rabbit	LD50	Dermal	6hr
(R)-p-mentha-1,8-diene	Rat	LD50	Oral	> 2000 mg/kg
orthophosphoric acid	Rabbit	LD50	Dermal	4400 mg/kg
orthophosphoric acid	Rat	LD50	Oral	2740 mg/kg
orthophosphoric acid	Rat	LC50	Inhalation	1530 mg/kg
glutaral	Rat	LD50	Dermal	> 840 mg/m ³ *hr
glutaral	Rat	LD50	Oral	> 2000 mg/kg
glutaral	Rat	LC50	Inhalation	158 mg/kg
Alkylalcohol(C9-C11), ethoxyla...	Rat	LD50	Oral	0,48 mg/l 4hr
Alcohols, C12-14, ethoxylated,...	Rat	LD50	Dermal	2950 mg/kg
Alcohols, C12-14, ethoxylated,...	Rat	LD50	Oral	> 2000 mg/kg
Benzenesulfonic acid, 4-C10-13...	Rat	LD50	Dermal	> 2000 mg/kg
Benzenesulfonic acid, 4-C10-13...	Rat	LD50	Oral	> 2000 mg/kg
				1470 mg/kg

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Long term effects

Tissue damaging effects: This product contains substances which are corrosive. If vapour or aerosols are inhaled, it can result in damage to lungs, irritation and burns in the respiratory organs as well as coughing.

Corrosive substances cause irreversible damage to eyes and acid burns to skin.

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system.

Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

This product contains substances that may cause an allergic reaction in people who are already so disposed.

Sensitivity effects: This product contains substances which can give an allergic reaction when inhaled. The allergic reaction allergy will typically set in an hour after exposure and give an inflammatory reaction in the lungs.

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled.

Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Test duration	Result
1,3,4,6,7,8-hexahydro-4,6,6,7,...	Daphnia	EC50	48 hr	0,9 mg/l
citral	Fish	LC50	96 hr	4,6-10 mg/l
citral	Daphnia	EC50	48 hr	7 mg/l
citral	Algae	EC50	72 hr	16 mg/l
sodium hypochlorite	Fish	LC50	96 hr	0,08 mg/l
tetrasodium ethylenediaminetet...	Fish	LC50	96 hr	> 100 mg/l
tetrasodium ethylenediaminetet...	Daphnia	EC50	48 hr	> 100 mg/l
tetrasodium ethylenediaminetet...	Algae	EC50	72 hr	> 100 mg/l
(R)-p-mentha-1,8-diene	Daphnia	EC50	48 hr	0,73
orthophosphoric acid	Fish	LC50	96 hr	138 mg/l
orthophosphoric acid	Daphnia	EC50	48 hr	> 100 mg/l
orthophosphoric acid	Algae	EC50	72 hr	> 100 mg/l
glutaral	Fish	LC50	96 hr	9,4-39 mg/l
glutaral	Daphnia	EC50	96 hr	0,75-5,75 mg/l
glutaral	Daphnia	LC50	96 hr	5,5 mg/l
glutaral	Algae	EC50	72 hr	0,6 mg/l
Alkylalcohol(C9-C11), ethoxyla...	Fish	LC50	96 hr	23,7 mg/l
Alkylalcohol(C9-C11), ethoxyla...	Daphnia	EC50	48 hr	13,4 mg/l
sodium hydroxide	Fish	LC50	95 hr	45,4 mg/l
Alcohols, C12-14, ethoxylated,...	Fish	LC50	96 hr	7,1 mg/l
Alcohols, C12-14, ethoxylated,...	Daphnia	EC50	48 hr	7,2 mg/l
Benzenesulfonic acid, 4-C10-13...	Fish	LC50	96 hr	1,67 mg/l
Benzenesulfonic acid, 4-C10-13...	Daphnia	EC50	48 hr	2,9 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
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According to EC-Regulation 1907/2006 (REACH)

1,3,4,6,7,8-hexahydro-4,6,6,7,...	No	No data available	No data available
Terpineol	No	No data available	No data available
sodium hypochlorite	Yes	No data available	No data available
glutaral	Yes	No data available	No data available
Alkylalcohol(C9-C11), ethoxyla...	Yes	No data available	No data available
Alcohols, C12-14, ethoxylated,...	Yes	DOC Die-Away Test	No data available
Benzenesulfonic acid, 4-C10-13...	Yes	No data available	No data available

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
1,3,4,6,7,8-hexahydro-4,6,6,7,...	Yes	6,26	No data available
2-benzylideneheptanal	Yes	4,33	No data available
citral	Yes	3,45	No data available
sodium hypochlorite	No	No data available	No data available
(R)-p-mentha-1,8-diene	Yes	4,83	No data available
glutaral	No	No data available	No data available
Alcohols, C12-14, ethoxylated,...	No	0,3	No data available
Benzenesulfonic acid, 4-C10-13...	No	3,2	No data available

12.4. Mobility in soil

1,3,4,6,7,8-hexahydro-4,6,6,7,...: Log Koc= 5,035694, Calculated from LogPow (Low mobility potential.). 2-benzylideneheptanal: Log Koc= 3,507327, Calculated from LogPow (Moderate mobility potential.). citral: Log Koc= 2,810455, Calculated from LogPow (Moderate mobility potential.). (R)-p-mentha-1,8-diene: Log Koc= 3,903277, Calculated from LogPow (Moderate mobility potential.). Alcohols, C12-14, ethoxylated,....: Log Koc= 0,31597, Calculated from LogPow (High mobility potential.). Benzenesulfonic acid, 4-C10-13....: Log Koc= 3,4 (Moderate mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability. This product contains substances which can accumulate in the food chain because they are bioaccumulative substances. Bioaccumulative substances can accumulate in fat tissue and are not easily secreted.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is covered by the regulations on dangerous waste.

Waste

EWC code

07 06 99

Specific labelling

-

Contaminated packing

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

14.1 – 14.4

ADR/RID

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

Notes

Tunnel restriction code

IMDG

UN-no.

Proper Shipping Name

Class

PG*

EmS

MP**

Hazardous constituent

▼ IATA/ICAO

UN-no.

Proper Shipping Name

Class

PG*

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

Demands for specific education

-

Additional information

Sources

COUNCIL DIRECTIVE 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

EC Regulation 1272/2008 (CLP).

EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H226 - Flammable liquid and vapour.

H301 - Toxic if swallowed.

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H314 - Causes severe skin burns and eye damage.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H319 - Causes serious eye irritation.

H331 - Toxic if inhaled.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

H411 - Toxic to aquatic life with long lasting effects.

H412 - Harmful to aquatic life with long lasting effects.

EUH031 - Contact with acids liberates toxic gas.

The full text of identified uses as mentioned in section 1

PC 35 = Washing and Cleaning Products (including solvent based products) .

PROC 10 = Roller application or brushing. Low energy spreading of e.g. coatings. Including cleaning of surfaces. Substance can be inhaled as vapours, skin contact can occur through droplets, splashes, working with wipes and handling of treated surfaces.

SU 0 = Other.

SU 21 = Consumer uses: Private households (= general public = consumers).

SU 22 = Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

ERC8a = Wide dispersive indoor use of processing aids in open systems.

ERC8d = Wide dispersive outdoor use of processing aids in open systems.

Other symbols mentioned in section 2

-

Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by

Hans Graebe

Date of last essential change

(First cipher in SDS version)

03-06-2015

Date of last minor change

(Last cipher in SDS version)

19-02-2016