



(Acdoco) Stone Tile & Floor Cleaner

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 11/15/2018 Revision date: 11/15/2018 Supersedes: 2/2/2015 Version: 3.00

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

1.1. Product identifier

Trade name : (Acdoco) Stone Tile & Floor Cleaner
Formulation-No. : HC1398
Type of product : Detergent

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

1.2.1. Relevant identified uses

Intended for general public
Use of the substance/mixture : Special cleaning agent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

ACDOPRO Ltd.
Mallison St
BL1 8PP Bolton - United Kingdom

Email competent person

sds@kft.de

Manufacturer

ACDOCO Ltd.
Martens Road
Northbank Industrial Estate
M44 5AX Manchester - United Kingdom
T +44 (0) 161 7757766

1.4. Emergency telephone number

Emergency number : National Health Service (NHS)
24 hour national number consumer
England and Scotland: 111
Wales: 0845 46 47
Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 1 H318
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Hazardous ingredients :

sodium dodecylbenzenesulphonate; alcohols, C12-14, ethoxylated, sulfates, sodium salts

Hazard statements (CLP) :

H318 - Causes serious eye damage.

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Precautionary statements (CLP)	: P102 - Keep out of reach of children. P280 - Wear eye protection, face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER, a doctor.
EUH-statements	: EUH208 - Contains (Carboxylatomethyl)dodecyldimethylammonium, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
Extra phrases	: INCI Name. LAURYL BETAINE, METHYLCHLOROISOTHIAZOLINONE (AND) METHYLISOTHIAZOLINONE.
Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium dodecylbenzenesulphonate	(CAS-No.) 25155-30-0 (EC-No.) 246-680-4 (REACH-no) 01-2119489428-22-xxxx	>=2.5 - <5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
alcohols, C12-14, ethoxylated, sulfates, sodium salts	(CAS-No.) 68891-38-3 (EC-No.) 500-234-8 (REACH-no) 01-2119488639-16-xxxx	>=1 - <2.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
(Carboxylatomethyl)dodecyldimethylammonium	(CAS-No.) 683-10-3 (EC-No.) 211-669-5 (REACH-no) 01-2120761597-41-xxxx	>=0.1 - <1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
glycerol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	>=0.1 - <1	Not classified
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	< 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:

Name	Product identifier	Specific concentration limits
alcohols, C12-14, ethoxylated, sulfates, sodium salts	(CAS-No.) 68891-38-3 (EC-No.) 500-234-8 (REACH-no) 01-2119488639-16-xxxx	(5 =<C < 10) Eye Irrit. 2, H319 (C >= 10) Eye Dam. 1, H318
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	(C >= 0.0015) Skin Sens. 1, H317 (0.06 =<C < 0.6) Eye Irrit. 2, H319 (0.06 =<C < 0.6) Skin Irrit. 2, H315 (C >= 0.6) Skin Corr. 1B, H314

Full text of 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.

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First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Get medical advice if skin irritation persists.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Drink plenty of water. Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	: May cause sensitisation of susceptible persons.
Symptoms/effects after eye contact	: Serious damage to eyes.

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. Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides. Sulphur oxides.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes.
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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".
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6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
Other information	: Disposal must be done according to official regulations.

6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. 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. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep cool.
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Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

glycerol (56-81-5)

United Kingdom	Local name	Glycerol
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ mist
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

sodium dodecylbenzenesulphonate (25155-30-0)

DNEL/DMEL (Workers)

Acute - systemic effects, dermal	80 mg/kg bodyweight/day
Acute - systemic effects, inhalation	52 mg/m ³
Acute - local effects, dermal	1.57 mg/cm ²
Acute - local effects, inhalation	52 mg/m ³
Long-term - systemic effects, dermal	57.2 mg/kg bodyweight/day
Long-term - local effects, dermal	1.57 mg/cm ²
Long-term - systemic effects, inhalation	52 mg/m ³
Long-term - local effects, inhalation	52 mg/m ³

DNEL/DMEL (General population)

Acute - systemic effects, dermal	40 mg/kg bodyweight
Acute - systemic effects, inhalation	26 mg/m ³
Acute - systemic effects, oral	13 mg/kg bodyweight
Acute - local effects, dermal	0.787 mg/cm ²
Acute - local effects, inhalation	26 mg/m ³
Long-term - systemic effects, oral	13 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	26 mg/m ³
Long-term - systemic effects, dermal	28.6 mg/kg bodyweight/day
Long-term - local effects, dermal	0.787 mg/cm ²
Long-term - local effects, inhalation	26 mg/m ³

PNEC (Water)

PNEC aqua (freshwater)	0.693 mg/l
PNEC aqua (marine water)	1 mg/l
PNEC aqua (intermittent, freshwater)	0.654 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	27.5 mg/kg dwt
PNEC sediment (marine water)	2.75 mg/kg dwt

PNEC (Soil)

PNEC soil	25 mg/kg dwt
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PNEC (Oral)

PNEC oral (secondary poisoning)	20 mg/kg food
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PNEC (STP)

PNEC sewage treatment plant	50 mg/l
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alcohols, C12-I4, ethoxylated, sulfates, sodium salts (68891-38-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2750 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	175 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	15 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	52 mg/m ³
Long-term - systemic effects, dermal	1650 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.24 mg/l
PNEC aqua (marine water)	0.024 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.917 mg/kg dwt
PNEC sediment (marine water)	0.092 mg/kg dwt
PNEC (Soil)	
PNEC soil	7.5 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
(Carboxylatomethyl)dodecyldimethylammonium (683-10-3)	
PNEC (Water)	
PNEC aqua (freshwater)	0.002 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC aqua (intermittent, freshwater)	0.002 mg/l
PNEC aqua (intermittent, marine water)	0 mg/l
PNEC (STP)	
PNEC sewage treatment plant	1 mg/l
glycerol (56-81-5)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	56 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	229 mg/kg bodyweight/day
Long-term - local effects, inhalation	33 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.885 mg/l
PNEC aqua (marine water)	0.088 mg/l
PNEC aqua (intermittent, freshwater)	8.85 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	3.3 mg/kg dwt
PNEC sediment (marine water)	0.33 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.141 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1000 mg/l

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reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

DNEL/DMEL (Workers)

Acute - local effects, inhalation 0.04 mg/m³

Long-term - local effects, inhalation 0.02 mg/m³

DNEL/DMEL (General population)

Acute - systemic effects, oral 0.11 mg/kg bodyweight

Acute - local effects, inhalation 0.04 mg/m³

Long-term - systemic effects, oral 0.09 mg/kg bodyweight/day

Long-term - local effects, inhalation 0.02 mg/m³

PNEC (Water)

PNEC aqua (freshwater) 3.39 µg/L

PNEC aqua (marine water) 3.39 µg/L

PNEC (Sediment)

PNEC sediment (freshwater) 0.027 mg/kg dwt

PNEC sediment (marine water) 0.027 mg/kg dwt

PNEC (Soil)

PNEC soil 0.01 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant 0.23 mg/l

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Hand protection:

Chemically resistant protective gloves. EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	-	3 (> 0.65)	EN 374

Eye protection:

Wear closed safety glasses. EN 166. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure

Skin and body protection:

Wear suitable protective clothing. EN 340. EN 13034

Respiratory protection:

Not necessary with sufficient ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust

Device	Filter type	Condition	Standard
Breathing apparatus with filter	A-P2	Short term exposure	EN 143

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the product.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: white.
Odour	: perfumed.
Odour threshold	: No data available
pH	: 6.5 - 7.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 100 °C
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	: No data available
Density	: 1.03 g/cm ³
Solubility	: Water: Miscible
Log Pow	: Not applicable
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available

9.2. Other information

No additional information available

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 dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

ATE CLP (oral)	> 2000 mg/kg bodyweight
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sodium dodecylbenzenesulphonate (25155-30-0)	
LD50 oral rat	650 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)
LC50 inhalation rat (Dust/Mist - mg/l/4h)	310 mg/l/4h (male)

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)	
LD50 oral rat	64 mg/kg bodyweight
LD50 dermal rat	> 141 mg/kg bodyweight
LD50 dermal rabbit	87.12 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0.33 mg/l/4h

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 6.5 - 7.5
Serious eye damage/irritation	: Causes serious eye damage. pH: 6.5 - 7.5
Respiratory or skin sensitisation	: May cause sensitisation of susceptible persons
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity	: Not classified (Based on available data, the classification criteria are not met)
Chronic aquatic toxicity	: Not classified (Based on available data, the classification criteria are not met)

alcohols, C12-I4, ethoxylated, sulfates, sodium salts (68891-38-3)	
LC50 fish 1	7.1 mg/l (96h; Danio rerio; OECD Guideline 203)
EC50 Daphnia 1	7.4 mg/l (48h; Daphnia magna; OECD Guideline 202)
ErC50 (algae)	27.7 mg/l (72 h; Desmodesmus subspicatus; OECD Guideline 201)
NOEC chronic fish	0.14 mg/l (28 d; Oncorhynchus mykiss ; (OECD 204 method))
NOEC chronic crustacea	0.27 mg/l (21 d; Daphnia magna; (OECD 211 method))

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)	
LC50 fish 1	0.22 mg/l (96h, Oncorhynchus mykiss, (OECD 201 method))
EC50 Daphnia 1	0.1 mg/l (48h, Daphnia magna, (OECD 202 method))
ErC50 (algae)	0.048 mg/l (72h, Pseudokirchneriella subcapitata, (OECD 201 method))
NOEC chronic fish	0.098 mg/l (28 d, Oncorhynchus mykiss, (OECD 210 method))
NOEC chronic crustacea	0.004 mg/l (21 d, Daphnia magna, (OECD 211 method))

12.2. Persistence and degradability

sodium dodecylbenzenesulphonate (25155-30-0)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 75 % (11 d; (OECD 301E method))

alcohols, C12-I4, ethoxylated, sulfates, sodium salts (68891-38-3)	
Persistence and degradability	Readily biodegradable.

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Biodegradation	100 % (28 d; EU Method C.4-C)
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glycerol (56-81-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	94 % (24 h)

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 60 % (OECD 301B method)

12.3. Bioaccumulative potential

(Acdoco) Stone Tile & Floor Cleaner	
Log Pow	Not applicable

sodium dodecylbenzenesulphonate (25155-30-0)	
BCF fish 1	130 l/kg (OECD 305 method)
Log Pow	1.96 - 3 (25 °C; pH = 7)

alcohols, C12-I4, ethoxylated, sulfates, sodium salts (68891-38-3)	
Log Pow	0.3 (23°C; pH 6,1)

(Carboxylatomethyl)dodecyldimethylammonium (683-10-3)	
Log Pow	0.07 (25 °C; pH 7,3; (OECD 107 method))

glycerol (56-81-5)	
Log Kow	-1.75 (25 °C; pH 7,4)
Bioaccumulative potential	Bioaccumulation unlikely.

12.4. Mobility in soil

sodium dodecylbenzenesulphonate (25155-30-0)	
Log Koc	3.21

alcohols, C12-I4, ethoxylated, sulfates, sodium salts (68891-38-3)	
Log Koc	0.34 Quantitative structure-activity relationship (QSAR)

(Carboxylatomethyl)dodecyldimethylammonium (683-10-3)	
Surface tension	29.95 mN/m (OECD 115 method)

glycerol (56-81-5)	
Surface tension	≈ 63.4 mN/m (20 °C)
Ecology - soil	No additional information available.

12.5. Results of PBT and vPvB assessment

(Acdoco) Stone Tile & Floor Cleaner	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

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Component	
sodium dodecylbenzenesulphonate (25155-30-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
glycerol (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Disposal must be done according to official regulations. European waste catalogue. Do not dispose of with domestic waste. Do not discharge into drains or the environment.
European List of Waste (LoW) code	: 07 06 01* - aqueous washing liquids and mother liquors 20 01 29* - detergents containing dangerous substances
HP Code	: HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

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 shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
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 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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	(Acdoco) Stone Tile & Floor Cleaner - reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : Regulation (EC) No. 648/2004 of 31 March 2004 on detergents.

Detergent Regulation : Labelling of contents:

Component	%
anionic surfactants	5-15%
2-BROMO-2-NITROPROPANE-1,3-DIOL	
METHYLCHLOROISOTHIAZOLINONE (AND) METHYLISOTHIAZOLINONE	
perfumes	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
	General revision		
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Labelling according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
3.2	Composition/information on ingredients	Modified	
4.2	Symptoms/effects after eye contact	Modified	
8.1	DNEL	Added	
8.1	PNEC	Added	
8.2	Personal protective equipment	Modified	
9.1	Physical and chemical properties	Modified	

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according to Regulation (EC) No. 1907/2006 (REACH)

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
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
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
OECD	Organisation for Economic Co-operation and Development
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
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources : MSDS of the supplier. Information provided by the manufacturer.

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Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B

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Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
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.
H330	Fatal if inhaled.
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.
EUH208	Contains (Carboxylatomethyl)dodecyldimethylammonium, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Dam. 1	H318	Calculation method
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KFT SDS EU 02

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