

Safety data sheet

according to Regulation (EC) No 1907/2006



REVEAL

Compilation date: 12.12.2017
Revision date: 15.12.2017

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

1.1 Product identifier

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

Using of substance and mixture

Fat solvent

1.3 Details of the supplier of the safety data sheet

Company name: Arcora International GmbH
Street: Marsstraße 9
Place: 85609 Aschheim by Munich
Germany
Tel: +49 (0)89 / 14 33 29 3-0
Fax: +49 (0)89 / 14 33 29 3-29
E-Mail: info@arcora.de

1.4 Emergency telephone number + 49 (0) 89 / 14 33 29 3-10

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP (EG) No. 1272/2008 [CLP]

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard statements:

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

2.2 Label elements

Signal word: Danger
Pictograms: GHS05
GHS07
GHS09



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Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102: Keep out of reach of children.
P280: Wear eye 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/doctor.

2.3 Other hazards

This substance is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients

EG-No.	Chemical name	Quantity
CAS-No.		
Index-No.	Classification according to information (EG) Nr. 1272/2008 CLP]	
REACH-No.		
	Anionic surfactant sodium laureth sulfate	5 - 15 %
68891-38-3	Skin Irrit 2; H315, Eye Dam.1; H318	
270-115-0	Anionic surfactant sodium dodecylbenzenesulfonate	< 5 %
25155-30-0	Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Dam. 1; H318, Aquatic Chronic 3; H412	
	Nonionic surfactant C9-11 PARETH-8	< 5 %
68439-46-3	Acute Tox. 4; H302, Eye Dam. 1; H318	
	Citrusterpene	< 5 %
	Flam.Liq.3; H226, Skin Irrit 2; H315, Skin Sens. 1; H317, Aquatic Chronic 1; H410	

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

15 % -30 % anionic surfactant, < 5 % nonionic surfactant.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

After skin contact

Immediately remove any contaminated clothing, shoes or stockings. After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Call a physician immediately. Put victim at rest, cover with a blanket and keep warm. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

If applicable, delayed occurring symptoms and effect may be found in section 11 or at the uptake routes in section 4.1.

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

No relevant data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray
Alcohol-resistant foam
Carbon dioxide
Extinguishing powder

5.2 Special hazards arising from the substance or mixture

Exposure risk

Gefährliche Verbrennungsprodukte: Hazardous combustion products: Hydrocarbons

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5.3 Advice for fire-fighters

Special protective equipment

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Fire-fighting water forms corrosive alkaline solutions - slip hazard! Fire-fighting water forms corrosive acid solutions.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust/fume/gas/mist/vapours/spray.

Safe handling: see section 7

Personal protection equipment: see section 8

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Cleaning methods

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Disposal: see section 13 Clean with detergents. Avoid solvent cleaners.

6.4 Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Thorough skin-cleansing after handling the product. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs. Usual measures for fire prevention. Do not put any product-impregnated cleaning rags into your trouser pockets. Keep the packing dry and well sealed to prevent contamination and absorption of humidity. When diluting/dissolving, always have the water ready first, then slowly stir in the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store only in original container and keep locked up. Please note legal specifications for water.

Suitable packaging: No special requirements.

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Advice on storage compatibility:

Store only in original container and keep locked up.

Storage class in TRGS 510: 12

Further information on storage conditions

Keep container tightly closed and in a well-ventilated place. Protect against frost.

7.3 Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product/mixture does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Protective and hygiene measures

The general hygienic measures in dealing with chemicals has to be applied. Wash hands and face after working with substance. Keep away from foodstuffs, beverages and feed.

Eye/face protection

Suitable eye protection: Dust protection eye glasses/Face protection shield DIN EN 166.

Hand protection

Wear suitable gloves. Replace when worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. See information supplied by the manufacturer.

Suitable material: EN 374

Breakthrough time (maximum wearing time): > 30 min.

Use protective skin cream before handling the product.

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values. Use suitable breathing apparatus.

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Skin protection

Wear anti-static footwear and clothing (Natural fibres (e.g. cotton) / heat-resistant synthetic fibres)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: pasty
Colour: yellowish, white
Odour: perfumes

pH-value (at 20 °C): 8

Test method

Explosive properties

inexplosive

Viscosity: 9200 mPas
Vapour pressure: not determined
Water solubility: soluble

9.2 Further information

Solid content: not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent, Strong acid, Strong alkali.

10.4 Conditions to avoid

See section 7. heating, open flame, ignition sources.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Hazardous products of decomposition are not known.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicokinetics, metabolism and distribution

Further informations of adverse health effects in Section 2.1 (classification). The product was classified on the basis of the calculation procedure of CLP / GHS.

Acute toxicity

CAS-No.	Chemical name				
	Route of exposure	Method	Dose	Species	Source
	Nonionic surfactant				
	oral	LD50	500 mg/kg		
	anionic surfactant				
	oral	LD50	1020 mg/kg		
	ATE (mix)				
	oral	ATE (mix)	5404 mg/kg		

Symptoms / absorption route

Corrosive/irritant to skin:

Relevant ingredients:

Anionic surfactant (5 % - 15 %) additive,
Classification of the substance: Category 2
SCL: Category 2 10 % (general limit)

Citrusterpene (< 5 %) additive,
Classification of the substance: Category 2
SCL: Category 2 10 % (general limit)

Anionic surfactant (5 % -15 %) additive,
Classification of the substance: Category 2
SCL: Category 2 10 % (general limit)

The mixture is classified in category 2.

Caustic-/irritant effect with the eyes:

Serious eyedamage/-irritation
Nonionic surfactant (< 5 %) additive,
Classification of the substance: Category 1
SCL: Category 1: 3 % (general limit)
Category 2 10 % (general limit)

Anionic surfactant (5 % - 15 %) additive,
Classification of the substance: Category 1
SCL: Category 1: 3 % (general limit)
Category 2 10 % (general limit)

Anionic surfactant (5 % - 15 %) additive,
Specific Concentration limits, M-Factors ECHA registriert
Eye Irrit. 2: 5 % < C < 10%
Eye Dam. 1: C ≥ 10 %

Result: The mixture is classified in category 1.

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12.6 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Advice on disposal

Product must be disposed in accordance with official local regulations.

Waste disposal number of used product

070601 Aqueous washing liquids and mother liquors.

200129 Detergents containing dangerous substances.

The waste code numbers mentioned are recommendations based on the probable use of the product. Due to specific use and disposal circumstances at the user other waste codes may be suitable.

Contaminated packaging

Observe official regulations. Non contaminated packagings can be recycled. Packages that cannot be cleaned have to be disposed like the product.

Note

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about land transport

lapse

Inland waterways transport (ADN)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about Inland waterways transport

lapse

Marine transport (IMDG)

14.1 UN-number No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

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14.3 The transport hazard class

14.4 Packing group

Other relevant information about marine transport

lapse

Air transport (ICAO)

14.1 UN-number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

14.3 The transport hazard class

14.4 Packing group

Other relevant information about air transport

lapse

14.5 Environmental hazards

no

14.6 Special precautions for user

endangering the environment: no

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

Not applicable.

SECTION 15: Regulatory information

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

EU-regulations

Informations for IE-Directive 2010/75/EU < 2,97 %
(VOC):

Additional guidance

Classification and labelling see section 2.
Observe Chemicals Ordinance, ChemV.
Risk Reduction related to Chemical Products.
Air Quality Control Regulation.

National provisions

Accidents ordinance: Note ordinance on Protection against Major Accidents
(Major Accidents Ordinance).

Water hazard class: 2 – water contaminating

15.2 Chemical Safety Assessment

A chemical safety assessment of ingredients of this materials was not performed.

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SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection.

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic organisms,.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

Further information

The above information describes exclusively the safety requirements of the product and is based on our present -day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.