

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended

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

1.1 Product identifier

Product name: domol Colorwaschmittel Blue Waterfall

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

Identified uses: For treating or cleaning laundry

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer



1.4 Emergency telephone number:



SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Health Hazards

Skin irritation	Category 2	H315: Causes skin irritation.
Serious eye damage	Category 1	H318: Causes serious eye damage.

2.2 Label Elements

Contains: MEA-C10-13 ALKYL BENZENESULFONATE
C12-18 PARETH-7
SODIUM LAURETH SULFATE



Signal Word: Danger

Hazard Statement(s): H315: Causes skin irritation.
H318: Causes serious eye damage.

Precautionary Statements

General advice: P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.

Prevention: P264: Wash hands thoroughly after handling.
P280: Wear eye protection.

Response: P302+P352: IF ON SKIN: Wash with plenty of soap and water.
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 No data available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
MEA-C10-13 ALKYL BENZENESULFONATE	10 - <20%	85480-55-3	287-335-8	01-2119905842-39;		
C12-18 PARETH-7	5 - <10%	68213-23-0	500-201-8			
SODIUM LAURETH SULFATE	3 - <5%	68891-38-3	500-234-8	01-2119488639-16;		
MEA-COCOATE	1 - <5%	66071-80-5	266-105-0			

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

This substance is listed as SVHC

Classification

Chemical name	Classification	Notes
MEA-C10-13 ALKYL BENZENESULFONATE	Skin Irrit.: 2: H315; Eye Dam.: 1: H318; Acute Tox.: 4: H302; Aquatic Chronic: 3: H412;	No data available.
C12-18 PARETH-7	Eye Dam.: 1: H318; Acute Tox.: 4: H302; Aquatic Chronic: 3: H412;	No data available.
SODIUM LAURETH SULFATE	Skin Irrit.: 2: H315; Eye Dam.: 1: H318; Aquatic Chronic: 3: H412;	No data available.

MEA-COCOATE	Skin Irrit.: 2: H315; Eye Irrit.: 2: H319;	No data available.
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CLP: Regulation No. 1272/2008.

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation:** Move to fresh air.
- Skin Contact:** Flush skin thoroughly with water. Get medical attention if irritation persists after washing.
- Eye contact:** Get medical attention immediately. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.
- Ingestion:** Rinse mouth thoroughly. Do NOT induce vomiting. Seek medical attention.

- 4.2 Most important symptoms and effects, both acute and delayed:** Prolonged or repeated exposure to the skin will lead to irritation. Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

- Hazards:** No special precautionary health measures should be needed under anticipated conditions of use.
- Treatment:** Get medical attention if symptoms occur.

SECTION 5: Firefighting measures

- General Fire Hazards:** No unusual fire or explosion hazards noted.

5.1 Extinguishing media

- Suitable extinguishing media:** Extinguish with foam, carbon dioxide, dry powder or water fog.

- Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture:

- During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters

- Special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing.

- Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with eyes and prolonged or repeated contact with skin.
6.1.1 For non-emergency personnel:	See Section 8 of the SDS for Personal Protective Equipment.
6.1.2 For emergency responders:	No data available.
6.2 Environmental Precautions:	Avoid release to the environment. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.
6.3 Methods and material for containment and cleaning up:	Dike far ahead of larger spill for later recovery and disposal. Absorb with sand or other inert absorbent. Stop the flow of material, if this is without risk. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.
6.4 Reference to other sections:	No data available.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling:	Do not get in eyes. Wash hands thoroughly after handling. Use only as directed. Provide adequate ventilation. Avoid contact with skin.
7.2 Conditions for safe storage, including any incompatibilities:	Store away from incompatible materials. Store in original tightly closed container.
Storage Temperature:	No data available.
Storage Class:	No data available.
7.3 Specific end use(s):	For treating or cleaning laundry

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters Occupational Exposure Limits	None of the components have assigned exposure limits.
8.2 Exposure controls Appropriate Engineering Controls:	No data available.
Individual protection measures, such as personal protective equipment	
Eye/face protection:	Use approved safety goggles or face shield.
Hand Protection:	Material: Use suitable protective gloves if risk of skin contact.
Skin and Body Protection:	Wear appropriate clothing to prevent reasonably probable skin contact.
Respiratory Protection:	Not relevant, due to the form of the product.

Hygiene measures: Do not get in eyes. Avoid contact with skin. Wash hands thoroughly after handling.

Environmental Controls: No eSDS available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	purple
Odor:	green - fresh
Odor Threshold:	No data available.
pH:	8,40 (20,00 °C)
Freezing point:	< 0,00 °C
Boiling Point:	> 70,00 °C
Flash Point:	> 93,00 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	Non-Flammable Liquid
Explosive limit - upper:	Non-Flammable Liquid
Explosive limit - lower:	Non-Flammable Liquid
Vapor pressure:	No data available.
Relative vapor density:	No data available.
Density:	No data available.
Relative density:	1,0420 (20,00 °C)
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Self Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Kinematic viscosity:	300,000 mm ² /s (20,00 °C)
Dynamic viscosity:	No data available.

9.2 Other information

VOC Content:	EU. Directive 2010/75/EU on Industrial Emissions (IPPC), Annex II, L 334/17: 42,29 g/l ~4,23 % (calculated)
Explosive properties:	No data available.
Oxidizing properties:	No data available.
Metal Corrosion:	>= 0,00 mm/a The physical-chemical properties of this material have not been fully investigated.

SECTION 10: Stability and reactivity

10.1 Reactivity:	Stable under normal temperature conditions and recommended use.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	None under normal conditions.

- 10.4 Conditions to avoid:** Avoid heat or contamination. Do not freeze.
- 10.5 Incompatible Materials:** Strong acids. Strong oxidizing substances. Strong bases.
- 10.6 Hazardous Decomposition Products:** By fire, toxic gases may be formed (CO_x, NO_x).

SECTION 11: Toxicological information

Information on likely routes of exposure

- Inhalation:** None under normal conditions.
- Skin Contact:** Causes skin irritation.
- Eye contact:** Causes serious eye damage.
- Ingestion:** May be ingested by accident. Ingestion may cause irritation and malaise.

11.1 Information on toxicological effects

Acute toxicity

Oral

- Product:** ATEmix: 6.410,040000 mg/kg
- Components:**
- MEA-C10-13 ALKYL
BENZENESULFONATE
LD 50: 1.100,000000 mg/kg
- C12-18 PARETH-7
LD 50: 1.642,000000 mg/kg
- SODIUM LAURETH
SULFATE
No data available.
- MEA-COCOATE
No data available.

Dermal

- Product:** Not classified for acute toxicity based on available data.
- Components:**
- MEA-C10-13 ALKYL
BENZENESULFONAT
E
No data available.
- C12-18 PARETH-7
SODIUM LAURETH
SULFATE
No data available.
- MEA-COCOATE
No data available.

Inhalation

- Product:** Not classified for acute toxicity based on available data.
- Components:**
- MEA-C10-13 ALKYL
BENZENESULFONATE
No data available.
- C12-18 PARETH-7
SODIUM LAURETH
SULFATE
No data available.
- MEA-COCOATE
No data available.

Repeated dose toxicity

- Product:** No data available.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Skin Corrosion/Irritation:

Product: Causes skin irritation.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Serious Eye Damage/Eye Irritation:

Product: Causes serious eye damage.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Respiratory or Skin Sensitization:

Product: Based on available data, the classification criteria are not met.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Germ Cell Mutagenicity

In vitro

Product: Based on available data, the classification criteria are not met.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

In vivo

Product: Based on available data, the classification criteria are not met.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Carcinogenicity

Product: No data available.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Reproductive toxicity

Product: No data available.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Specific Target Organ Toxicity - Single Exposure

Product: Based on available data, the classification criteria are not met.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: Based on available data, the classification criteria are not met.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Aspiration Hazard

Product: Based on available data, the classification criteria are not met.

Components:

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7 SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: Based on available data, the classification criteria are not met.

Components

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7	LC 50 (Danio rerio, 96,0 h): 0,876000 mg/l (semi-static) Experimental result, Key study
SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Aquatic Invertebrates

Product: Based on available data, the classification criteria are not met.

Components

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7	EC 50 (Daphnia magna, 48,0 h): 0,530000 mg/l (Static) Read-across based on grouping of substances (category approach), Supporting study
SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7	No data available.
SODIUM LAURETH SULFATE	No data available.
MEA-COCOATE	No data available.

Toxicity to microorganisms

Product: No data available.

Components

MEA-C10-13 ALKYL BENZENESULFONATE	No data available.
C12-18 PARETH-7	No data available.
SODIUM LAURETH	No data available.

SULFATE
MEA-COCOATE No data available.

Chronic Toxicity

Fish

Product: No data available.

Components

MEA-C10-13 ALKYL No data available.
BENZENESULFONATE
C12-18 PARETH-7 NOAEL (Pimephales promelas, 30,0 d): 0,2800000 mg/l (flow-through)
SODIUM LAURETH No data available.
SULFATE
MEA-COCOATE No data available.

Aquatic Invertebrates

Product: No data available.

Components

MEA-C10-13 ALKYL No data available.
BENZENESULFONATE
C12-18 PARETH-7 No data available.
SODIUM LAURETH No data available.
SULFATE
MEA-COCOATE No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components

MEA-C10-13 ALKYL No data available.
BENZENESULFONATE
C12-18 PARETH-7 No data available.
SODIUM LAURETH No data available.
SULFATE
MEA-COCOATE No data available.

12.2 Persistence and Degradability

Biodegradation

Product: The surfactant(s) contained in this mixture comply with biodegradability criteria as laid down in regulations (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member state. The other components of this mixture are either environmentally inert or absorbed onto sewage and sediment etc or will biodegrade to substances which are likely to be of low environmental impact when the mixture is used as directed.

BOD/COD Ratio

Product No data available.

Components

MEA-C10-13 ALKYL No data available.
BENZENESULFONATE
C12-18 PARETH-7 No data available.
SODIUM LAURETH No data available.
SULFATE

MEA-COCOATE No data available.

12.3 Bioaccumulative potential

Product: The product is not bioaccumulating.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: Based on available data, the classification criteria are not met.

MEA-C10-13 ALKYL No data available.

BENZENESULFON
ATE

C12-18 PARETH-7 No data available.

SODIUM LAURETH
SULFATE

MEA-COCOATE No data available.

12.6 Other adverse effects: None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: Dispose of contents/container in accordance with local requirements for domestic waste disposal.

Disposal methods: Wash before disposal. Dispose to controlled facilities.

Contaminated Packaging: No data available.

SECTION 14: Transport information

ADR

14.1 UN Number: Not regulated.

14.2 UN Proper Shipping Name: Not regulated.

14.3 Transport Hazard Class(es)

Class: Not regulated.

Label(s): Not regulated.

Hazard No. (ADR): Not regulated.

Tunnel restriction code: Not regulated.

14.4 Packing Group: Not regulated.

Limited quantity Not regulated.

Excepted quantity Not regulated.

14.5 Environmental Hazards Not regulated.

14.6 Special precautions for user: Not regulated.

ADN

14.1 UN Number: Not regulated.

14.2 UN Proper Shipping Name: Not regulated.

14.3 Transport Hazard Class(es)

Class: Not regulated.

Label(s): Not regulated.

Hazard No. (ADR): Not regulated.

Tunnel restriction code: Not regulated.

14.4 Packing Group: Not regulated.

Limited quantity Not regulated.

Excepted quantity Not regulated.

14.5 Special precautions for user: Not regulated.

RID

14.1 UN Number: Not regulated.
14.2 UN Proper Shipping Name: Not regulated.
14.3 Transport Hazard Class(es)
Class: Not regulated.
Label(s): Not regulated.
Hazard No. (ADR): Not regulated.
Tunnel restriction code: Not regulated.
14.4 Packing Group: Not regulated.
Limited quantity Not regulated.
Excepted quantity Not regulated.
14.5 Environmental Hazards Not regulated.
14.6 Special precautions for user: Not regulated.

IMDG

14.1 UN Number: Not regulated.
14.2 UN Proper Shipping Name: Not regulated.
14.3 Transport Hazard Class(es)
Class: Not regulated.
Label(s): Not regulated.
Hazard No. (ADR): Not regulated.
Tunnel restriction code: Not regulated.
14.4 Packing Group: Not regulated.
Limited quantity Not regulated.
Excepted quantity Not regulated.
14.5 Environmental Hazards Not regulated.
14.6 Special precautions for user: Not regulated.

IATA

14.1 UN Number: Not regulated.
14.2 UN Proper Shipping Name: Not regulated.
14.3 Transport Hazard Class(es)
Class: Not regulated.
Label(s): Not regulated.
Hazard No. (ADR): Not regulated.
Tunnel restriction code: Not regulated.
14.4 Packing Group: Not regulated.
Limited quantity Not regulated.
Excepted quantity Not regulated.
14.5 Environmental Hazards Not regulated.
14.6 Special precautions for user: Not regulated.

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:

EU Regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: none

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances:

none

EU. REACH Annex XIV, Substances Subject to Authorization: none

EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none

EU. Directive 2010/75/EU on Industrial Emissions (IPPC), Annex II, L 334/17: none

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended: none

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended: none

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended: none

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended: none

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC): none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use: none

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work: none

National Regulations

Water Hazard Class (WGK): WGK 3: severely water-endangering. Classification according to AwSV, Appendix 1 (5.2)

TA Luft, Technical Guidance Air: none

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms:

No data available.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Training information: No data available.

Classification according to Regulation (EC) No 1272/2008 as amended.

Skin Irrit. 2, H315
Eye Dam. 1, H318

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.