

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Feinwaschmittel Mey

UFI: VG6N-RD6Q-7SS0-6CHU

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

Professional use of laundry products

1.3. Details of the supplier of the safety data sheet

Company name: Mey GmbH & Co. KG
Street: Auf Steingen 6
Place: D-72459 Albstadt-Lautlingen
Telephone: 07431/706-0
Internet: www.mey.com

1.4. Emergency telephone number: 030-30686700

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Hazard Statements:
Causes serious eye irritation.

2.2. Label elements**Regulation (EC) No. 1272/2008**

Signal word: Warning

Pictograms:

**Hazard statements**

H319 Causes serious eye irritation.

Precautionary statements

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.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of container only completely empty to a recycling centre.
P101 If medical advice is needed, have product container or label at hand.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 2 of 10

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
	sodium alkylbenzenesulfonate			5 - < 10 %
	932-051-8		01-2119565112-48	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
21142-28-9	Sulfuric acid, monodecyl ester, compd. with 1-amino-2-propanol			5 - < 10 %
	244-238-5			
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfated, sodium salt			1 - < 5 %
			01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
61789-40-0	1-Propanaminium-3-amino-N-(carboymethylo)-N,N--dimethylo-, derivates N-C8-18-acyl			1 - < 5 %
	931-296-8		01-2119490100-53	
	Eye Dam. 1; H318			
80206-82-2	Alcohols, C12-14			1 - < 5 %
	279-420-3			
	Aquatic Acute 1; H400			

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

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

15 % - < 30 % anionic surfactants, < 5 % amphoteric surfactants, perfumes (Benzyl salicylate), preservation agents (2-Bromo-2-nitropropane-1,3-diol, Benzisothiazolinone).

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Immediately call a doctor.

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

No information available.

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

Co-ordinate fire-fighting measures to the fire surroundings.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 3 of 10

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

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

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Professional use of laundry products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 4 of 10

DNEL/DMEL values

CAS No	Substance			
DNEL type	Exposure route	Effect	Value	
	sodium alkylbenzenesulfonate			
Worker DNEL, long-term	dermal	systemic	85 mg/kg bw/day	
Worker DNEL, long-term	inhalation	systemic	6 mg/m ³	
Consumer DNEL, long-term	dermal	systemic	42,5 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	1,5 mg/m ³	
Consumer DNEL, long-term	oral	systemic	0,425 mg/kg bw/day	
68891-38-3	Alcohols, C12-14, ethoxylated, sulfated, sodium salt			
Worker DNEL, long-term	dermal	systemic	2750 mg/kg bw/day	
Worker DNEL, long-term	inhalation	systemic	175 mg/m ³	
57-55-6	Propane-1,2-diole			
Worker DNEL, long-term	inhalation	local	10 mg/m ³	
Worker DNEL, long-term	inhalation	systemic	168 mg/m ³	
Consumer DNEL, long-term	oral	systemic	85 mg/kg bw/day	
Consumer DNEL, long-term	dermal	systemic	213 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	local	10 mg/m ³	
Consumer DNEL, long-term	inhalation	systemic	50 mg/m ³	

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 5 of 10

PNEC values

CAS No	Substance	Value
Environmental compartment		
sodium alkylbenzenesulfonate		
Freshwater		0,268 mg/l
Marine water		0,0268 mg/l
Freshwater sediment		8,1 mg/kg
Marine sediment		8,1 mg/kg
Micro-organisms in sewage treatment plants (STP)		5,6 mg/l
Soil		35 mg/kg
68891-38-3	Alcohols, C12-14, ethoxylated, sulfated, sodium salt	
Freshwater		0,24 mg/l
Marine water		0,024 mg/l
Freshwater sediment		5,45 mg/kg
Marine sediment		0,545 mg/kg
Soil		0,946 mg/kg
57-55-6	Propane-1,2-diole	
Freshwater		260 mg/l
Marine water		26 mg/l
Freshwater sediment		572 mg/kg
Marine sediment		57,2 mg/kg
Micro-organisms in sewage treatment plants (STP)		20000 mg/l
Soil		50 mg/kg

8.2. Exposure controls



Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Eye/face protection

Safety glasses with side protection (EN 166)

Hand protection

Recommendation:

Protective gloves (EN 374)

Suitable material:

NR (natural rubber, natural latex)

Thickness of the glove material: $\geq 0,4$ mm

Breakthrough time (maximum wearing time) > 480 min

NBR (Nitrile rubber)

Thickness of the glove material: $\geq 0,4$ mm

Breakthrough time (maximum wearing time) > 480 min

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 6 of 10

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.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	light yellow
Odour:	characteristic
pH-Value (at 20 °C):	ca. 7

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not determined

Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined

Oxidizing properties

Not oxidising.	
Vapour pressure:	not determined
Density (at 20 °C):	1,032 g/cm ³
Water solubility:	easily soluble

Solubility in other solvents

not determined	
Partition coefficient:	not determined
Viscosity / dynamic: (at 20 °C)	500 - 800 mPa·s
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Solid content:	not determined
----------------	----------------

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 7 of 10

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	sodium alkylbenzenesulfonate				
	oral	LD50 2000 - 5000 mg/kg	Rat	OECD 401	
	dermal	LD50 > 2000 mg/kg	Rat	OECD 402	
21142-28-9	Sulfuric acid, monodecyl ester, compd. with 1-amino-2-propanol				
	oral	LD50 >2000 mg/kg			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfated, sodium salt				
	oral	LD50 4100 mg/kg	Rat	OECD 401	
	dermal	LD50 > 2000 mg/kg	Rat	OECD 402	
61789-40-0	1-Propanaminium-3-amino-N-(carboymethylo)-N,N--dimethylo-, derivates N-C8-18-acyl				
	oral	LD50 2335 mg/kg	Rat		
80206-82-2	Alcohols, C12-14				
	oral	LD50 >2000 mg/kg			

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 8 of 10

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
	sodium alkylbenzenesulfonate					
	Acute fish toxicity	LC50 >1 - 10 mg/l	96 h	Cyprinus Carpio	OECD 203	
	Acute algae toxicity	ErC50 >10 - 100 mg/l	72 h	Desmodesmus subspicatus	OECD 201	
	Acute crustacea toxicity	EC50 >1 - 10 mg/l	48 h	Daphnia Magna	OECD 202	
21142-28-9	Sulfuric acid, monodecyl ester, compd. with 1-amino-2-propanol					
	Acute crustacea toxicity	EC50 5,46 mg/l	48 h	Daphnia magna		
68891-38-3	Alcohols, C12-14, ethoxylated, sulfated, sodium salt					
	Acute fish toxicity	LC50 7,1 mg/l	96 h	fish		
	Acute algae toxicity	ErC50 7,5 mg/l	96 h	algae		
	Acute crustacea toxicity	EC50 7,2 mg/l	48 h	Daphnia magna (Big water flea)		
	Crustacea toxicity	NOEC 0,27 mg/l	21 d	Daphnia magna (Big water flea)		
61789-40-0	1-Propanaminium-3-amino-N-(carboymethylo)-N,N--dimethylo-, derivates N-C8-18-acyl					
	Acute fish toxicity	LC50 1,1 mg/l	96 h	Pimephales promelas		
80206-82-2	Alcohols, C12-14					
	Acute crustacea toxicity	EC50 5,46 mg/l	48 h	Daphnia magna		

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	sodium alkylbenzenesulfonate			
	OECD TG 301 A	70%	28	
	Readily biodegradable (according to OECD criteria).			
61789-40-0	1-Propanaminium-3-amino-N-(carboymethylo)-N,N--dimethylo-, derivates N-C8-18-acyl			
	Degradation rate (%):	76,3 %	28	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 9 of 10

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

14.6. Special precautions for user

No information available.

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

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): 3,621 %

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation).

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,3.

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%

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Feinwaschmittel Mey

Revision date: 11.03.2020

Product code: 4000047

Page 10 of 10

LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)