Safety Data Sheet

according to UK REACH Regulation

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VGS 160 FD

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

1.1. Product identifier

VGS 160 FD

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

Use of the substance/mixture

Lubricants, greases, release products

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name:	Meusburger Georg GmbH & Co KG	
Street:	Kesselstraße 42	
Place:	A-6960 Wolfurt	
Telephone:	+43 5574 6706-0	Telefax: +43 5574 6706-12
e-mail:	office@meusburger.com	
Contact person:	Johannes Dobmeier	
Internet:	www.meusburger.com	
Responsible Department:	Dr. Gans-Eichler Chemieberatung GmbH Otto-Hahn-Str. 36 D-48161 Münster	e-mail: info@tge-consult.de Tel.: +49 2534 41594-0 www.tge-consult.de

1.4. Emergency telephone number:

Poison Information Center Mainz, Germany, Tel: +49(0)6131/19240

Further Information

Safety Data Sheet according to UK-REACH Regulation

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

GB CLP Regulation

Special labelling of certain mixtures

EUH208	Contains Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Additional advice on labelling

Labelling according to GHS (GB CLP) regulation.: none

2.3. Other hazards

The mixture contains the following substances fulfilling the PBT criteria according to UK REACH:
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene.
This product does not contain a substance (> 0.1 %) that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No EC No REACH No Index No	Chemical name GHS Classification	Quantity
61789-86-4 263-093-9 01-2119488992-18	Sulfonic acids, petroleum, calcium salts Skin Sens. 1B; H317	0,5 - < 10 %
68584-23-6 271-529-4 01-2119492627-25	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts Skin Sens. 1B; H317	0,5 - < 10 %
70024-69-0 274-263-7	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts Skin Sens. 1B; H317	0,5 - < 10 %
68411-46-1 270-128-1 01-2119491299-23	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene Repr. 2, Aquatic Chronic 3; H361f H412	2,5 - < 3 %

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
61789-86-4	263-093-9	Sulfonic acids, petroleum, calcium salts	0,5 - < 10 %
	inhalation: LC50 = >1,9 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg Skin Sens. 1B; H317: >= 10 - 100		
68584-23-6	271-529-4	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	0,5 - < 10 %
	inhalation: LC50 = >1,9 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg Skin Sens. 1B; H317: >= 10 - 100		
70024-69-0	274-263-7	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	0,5 - < 10 %
	inhalation: LC50 = [>1,9] mg/l (vapours); dermal: LD50 = >4000 mg/kg; oral: LD50 = >5000 mg/kg Skin Sens. 1B; H317: >= 10 - 100		
68411-46-1	270-128-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	2,5 - < 3 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg		

Further Information

Product does not contain listed SVHC substances > 0.1 % according to UK REACH.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

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

Carbon dioxide (CO2). Sand. Extinguishing powder.

Unsuitable extinguishing media

Water

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide Carbon dioxide (CO2).Nitrogen oxides (NOx). Sulphur oxides

5.3. Advice for firefighters

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

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid dust formation.
Do not breathe dust.

Special danger of slipping by leaking/spilling product.

For non-emergency personnel

Wear personal protection equipment (refer to section 8).

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

For containment

Take up mechanically.

Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

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

Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Usual measures for fire prevention. Dust clouds may present an explosion hazard.

Advice on general occupational hygiene

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work.

Further information on handling

Avoid generation of dust.

General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.

Recommended storage temperature: 20 °C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
61789-86-4	Sulfonic acids, petroleum, calcium salts			
Worker DNEL, long-term		inhalation	systemic	11,75 mg/m³
Worker DNEL, long-term		dermal	systemic	3,33 mg/kg bw/day
Worker DNEL, long-term		dermal	local	1,03 mg/cm²
Consumer DNEL, long-term		inhalation	systemic	2,9 mg/m³
Consumer DNEL, long-term		dermal	systemic	1,667 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	0,513 mg/cm²
Consumer DNEL, long-term		oral	systemic	0,833 mg/kg bw/day
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts			
Worker DNEL, long-term		inhalation	systemic	11,75 mg/m³
Worker DNEL, long-term		dermal	systemic	3,33 mg/kg bw/day
Worker DNEL, long-term		dermal	local	1,03 mg/cm²
Consumer DNEL, long-term		inhalation	systemic	2,9 mg/m³
Consumer DNEL, long-term		dermal	systemic	1,667 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	0,513 mg/cm²
Consumer DNEL, long-term		oral	systemic	0,833 mg/kg bw/day
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene			
Consumer DNEL, long-term		inhalation	systemic	0,14 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,04 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,04 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	0,08 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	0,6 mg/m³

PNEC values

CAS No	Substance	
Environmental compartment		Value
61789-86-4	Sulfonic acids, petroleum, calcium salts	
Freshwater		1 mg/l
Marine water		1 mg/l
Freshwater sediment		226000000 mg/kg
Marine sediment		226000000 mg/kg

Secondary poisoning		16,667 mg/kg
Micro-organisms in sewage treatment plants (STP)		1000 mg/l
Soil		271000000 mg/kg
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	
Freshwater		1 mg/l
Freshwater (intermittent releases)		10 mg/l
Marine water		1 mg/l
Freshwater sediment		226000000 mg/kg
Marine sediment		226000000 mg/kg
Secondary poisoning		16,667 mg/kg
Micro-organisms in sewage treatment plants (STP)		1000 mg/l
Soil		271000000 mg/kg
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	
Freshwater		0,034 mg/l
Freshwater (intermittent releases)		0,51 mg/l
Marine water		0,003 mg/l
Freshwater sediment		0,446 mg/kg
Marine sediment		0,045 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		1,76 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Dust should be exhausted directly at the point of origin.

Individual protection measures, such as personal protective equipment

Eye/face protection

Dust protection goggles.

Hand protection

In case of prolonged or frequently repeated skin contact:
Wear suitable gloves.
Suitable material:
NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm
Breakthrough time >= 8 h
The selected protective gloves have to satisfy the specifications of the Personal Protective Equipment at Work (Amendment) Regulations 2022 and the standard EN ISO 374.
Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Protective clothing.
Minimum standard for preventive measures while handling with working materials are specified in the TRGS

500 (D).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.
Respiratory protection necessary at:
-Exceeding exposure limit values
-Insufficient ventilation and Generation/formation of dust
Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Thermal hazards

Material handled at elevated temperature may cause thermal burns by contact with molten product.

Environmental exposure controls

No special precautionary measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste
Colour:	light beige
Odour:	characteristic
Odour threshold:	not determined
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	not determined
Lower explosion limits:	not relevant
Upper explosion limits:	not relevant
Flash point:	> 250 °C
Auto-ignition temperature:	not relevant
Decomposition temperature:	not determined
pH-Value:	not determined
Viscosity / kinematic:	not relevant
Water solubility:	insoluble
Solubility in other solvents	
Soluble in: Hydrocarbons	
Dissolution rate:	not relevant
Partition coefficient n-octanol/water:	SECTION 12: Ecological information
Dispersion stability:	not relevant
Vapour pressure:	not determined
Density:	0,9 g/cm³
Bulk density:	not determined
Relative vapour density:	not relevant
Particle characteristics:	not determined

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion:	Not sustaining combustion
Self-ignition temperature	

Solid:	not determined
Gas:	not relevant

Oxidizing properties

none

Other safety characteristics

Evaporation rate:	not applicable
Solvent separation test:	not applicable
Solvent content:	not determined
Solid content:	not determined
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Viscosity / dynamic:	not determined
Flow time:	not applicable

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.
Refer to chapter 10.5.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition products

Carbon monoxide Carbon dioxide (CO_2). hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
61789-86-4	Sulfonic acids, petroleum, calcium salts				
	oral	LD50 >5000 mg/kg	Rat	ECHA dossier	

	dermal	LD50 mg/kg	>5000	Rabbit	ECHA dossier	
	inhalation (4 h) vapour	LC50	>1,9 mg/l	Rat	ECHA dossier	
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts					
	oral	LD50 mg/kg	>5000	Rat	ECHA dossier	
	dermal	LD50 mg/kg	>5000	Rabbit	ECHA dossier	
	inhalation (4 h) vapour	LC50	>1,9 mg/l	Rat	ECHA dossier	
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts					
	oral	LD50 mg/kg	>5000	Rat	ECHA dossier	
	dermal	LD50 mg/kg	>4000	Rabbit	ECHA dossier	
	inhalation (4 h) vapour	LC50 mg/l	[>1,9]	Rat	ECHA dossier	
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene					
	oral	LD50 mg/kg	> 5000	Rat	ECHA dossier	OECD 401
	dermal	LD50 mg/kg	> 2000	Rat	ECHA dossier	OECD 402

Irritation and corrosivity

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

Sensitising effects

Contains Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction.

Sulfonic acids, petroleum, calcium salts
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts:

Specific concentration limit (SCL): 10% (Skin Sens. 1B)

Carcinogenic/mutagenic/toxic effects for reproduction

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

Sulfonic acids, petroleum, calcium salts:
In-vitro mutagenicity:
Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Result: negative.
Literature information: ECHA dossier

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts:
In vitro mutagenicity/genotoxicity: Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay); Result: negative.
Literature information: ECHA dossier

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:
In-vitro mutagenicity:

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Result: negative.
Literature information: ECHA dossier
Reproductive toxicity:
Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test)
Species: Rat
Exposure duration: male: 28 d, female: 53 d.
Results: NOAEL = 25 mg/kg
Literature information: ECHA dossier
Developmental toxicity/teratogenicity:
Method: other guideline: OECD 422
Species: Rat
Exposure duration: male: 28 d, female: 53 d.
Results: NOAEL = 25 mg/kg
Literature information: ECHA dossier

STOT-single exposure

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

STOT-repeated exposure

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

Sulfonic acids, petroleum, calcium salts:
Subacute dermal toxicity:
Method: -
Species: Rat (Sprague-Dawley)
Results: NOAEL = 1000 mg/kg
Literature information: ECHA dossier

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts:
Subchronic oral toxicity: Method: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents);
Species: Rat; Results: NOAEL 500 mg/kg
Literature information: ECHA dossier

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:
Subacute oral toxicity:
Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test)
Species: Rat
Exposure duration: male: 28 d, female: 53 d.
Results: NOAEL =25 mg/kg
Literature information: ECHA dossier

Aspiration hazard

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

Specific effects in experiment on an animal

No data available.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance (> 0.1 %) that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Other information

No data available.

SECTION 12: Ecological information

12.1. Toxicity

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] | [d]	Species	Source	Method
61789-86-4	Sulfonic acids, petroleum, calcium salts					
	Acute fish toxicity	LC50 >1000 mg/l	96 h		ECHA dossier	
	Acute algae toxicity	ErC50 >1000 mg/l	96 h		ECHA dossier	
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna	ECHA dossier	
	Acute bacteria toxicity	(EC50 >10000 mg/l)	3 h		ECHA dossier	
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts					
	Acute fish toxicity	LC50 >1000 mg/l	96 h		ECHA dossier	
	Acute algae toxicity	ErC50 >1000 mg/l	96 h		ECHA dossier	
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h		ECHA dossier	
	Acute bacteria toxicity	(EC50 10000 mg/l)	3 h		ECHA dossier	
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts					
	Acute fish toxicity	LC50 LL50 >10000 mg/l	96 h	Cyprinodon variegatus	ECHA dossier	
	Acute algae toxicity	ErC50 >1000 mg/l	96 h	Pseudokirchneriella subcapitata	ECHA dossier	
	Acute crustacea toxicity	EC50 >1000 mg/l	48 h	Daphnia magna	ECHA dossier	
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Danio rerio	ECHA dossier	OECD 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Desmodesmus subspicatus	ECHA dossier	OECD 201
	Acute crustacea toxicity	EC50 51 mg/l	48 h	Daphnia magna	ECHA dossier	OECD 202
	Acute bacteria toxicity	(EC50 >100 mg/l)	3 h	activated sludge, domestic	ECHA dossier	OECD 209

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			

61789-86-4	Sulfonic acids, petroleum, calcium salts			
	OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C	1,5 %	28	ECHA dossier
	Product is not easily biodegradable.			
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts			
	OECD 301D / EEC 92/69 annex V, C.4-E	8 %	28	ECHA dossier
	Not readily biodegradable (according to OECD criteria)			
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene			
	OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C	1 %	28	ECHA dossier
	Not readily biodegradable (according to OECD criteria)			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	>4,46
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	6,66

BCF

CAS No	Chemical name	BCF	Species	Source
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	4176	Cyprinus carpio - 0.01 mg/L	United States Enviro

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The mixture contains the following substances fulfilling the PBT criteria according to UK REACH:
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.
The aforementioned statement applies to substances contained in the product with a minimum content of 0.1 %.

12.7. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.
Non-contaminated packages may be recycled.
According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.
Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

List of Wastes Code - used product

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

List of Wastes Code - contaminated packaging

150106 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Refer to section 6 - 8

14.7. Maritime transport in bulk according to IMO instruments

not relevant

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):	not determined
2004/42/EC (VOC):	not determined
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet according to UK-REACH Regulation
This mixture is classified as not hazardous according to GHS (GB CLP).
UK REACH Appendix XVII, No (mixture): not relevant

National regulatory information

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

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
Sulfonic acids, petroleum, calcium salts
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

SECTION 16: Other information

Changes

Rev. 1,0; Initial release 08.05.2018
Rev. 2,0; Revision 06.04.2020 Changes in chapter: 2-16
Rev. 3,0; Revision 02.03.2020 Changes in chapter: 1-16

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)
CAS: Chemical Abstracts Service
CLP: Classification, Labeling, Packaging
DNEL: Derived No Effect Level
d: day(s)
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
ECHA: European Chemicals Agency
ECOSAR: Ecological Structure Activity Relationships
EWC: European Waste Catalogue
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
OECD: Organisation for Economic Co-operation and Development
PNEC: Predicted No Effect Concentration
PBT: Persistent, bio-cumulative, toxic
QSAR: Quantitative Structure-Activity Relationship
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
SVHC: Substance of Very High Concern

TRGS: Technische Regeln für Gefahrstoffe
UN: United Nations
vPvB: very persistent and very bio-cumulative
VOC: Volatile Organic Compounds
w: week(s)

Relevant H and EUH statements (number and full text)

H317	May cause an allergic skin reaction.
H361f	Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts. May produce an allergic reaction.
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.

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