SAFETY DATA SHEET

Denpox DPM

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

1.1. Product identifier

Trade name

Denpox DPM

REACH registration number

-

Other means of identification

-

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

Relevant identified uses of the substance or mixture

Paint binder

Relevant identified uses of the substance or mixture (REACH)

No special

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address

Dencoat
E-mail: info@dencoat.com
Website: www.dencoat.com

SDS date

2025-14-04

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Skin Sens. 1; H317, May cause an allergic skin reaction.

Eye Irrit. 2; H319, Causes serious eye irritation.

Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)

Signal word

Warning

Hazard statement(s)

Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Toxic to aquatic life with long lasting effects.

Safety statement(s)

General

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

Prevention

P280, Wear protective gloves/eye protection/protective clothing.
P272, Contaminated work clothing should not be allowed out of the workplace.

Response

P333+P313, If skin irritation or rash occurs: Get medical advice/attention.
P362+P364, Take off contaminated clothing and wash it before reuse.

Storage

Disposal

P501, Dispose of contents/container to an approved waste disposal plant.

Hazardous substances

reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)
Bisphenol F- Epoxyresin

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product/Ingredient name	Identifiers	% w/w	Classification	Note
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	CAS No.: 25068-38-6 EC No.: 500-033-5 REACH No.: 01-2119456619-26-xxxx Index No.: 603-074-00-8	50-100%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
Bisphenol F-Epoxyresin	CAS No.: EC No.: 701-263-0 REACH No.: 01-2119454392-40-xxxx	25-50%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	

	Index No.:		
benzyl alcohol	CAS No.: 100-51-6 EC No.: 202-859-9 REACH No.: 01-2119492630-38-xxxx Index No.: 603-057-00-5	100%	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700) has a specific concentration limit (SCL).
EU: European occupational exposure limit

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish fire with carbonic acid, powder or foam. Do not use water, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense black smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides.

Carbon oxides.

Some metal oxides.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on “Disposal considerations” in regard of handling of waste.

See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

No specific requirements

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

—

Calcium Carbonat

Long term exposure limit (8 hours): 10(inhalable)/4(respirable) mg/m³

—
Amorphous silica gel
Long term exposure limit (8 hours): 6 (inhalable)/2.4 (respirable) mg/m³

—
2-methoxy-1-methylethyl acetate
Long term exposure limit (8 hours): 50 ppm
Long term exposure limit (8 hours): 274 mg/m³
Short term exposure limit (15 minutes): 100 ppm
Short term exposure limit (15 minutes): 548 mg/m³
Annotations:
Sk: Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.

DNEL

Product/Ingredient name	DNEL	Route of exposure	Duration
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	12.3 mg/m3	Inhalation	Long term – Systemic effects - Workers
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	8.3 mg/kg bw/d	Dermal	Long term – Local effects - Workers
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	8.3 mg/kg bw/d	Dermal	Long term – Systemic effects - Workers
Bisphenol F-Epoxyresin	29.39 mg/m3	Inhalation	Long term – Systemic effects - Workers
Bisphenol F-Epoxyresin	104.15 mg/kg bw/d	Dermal	Long term – Systemic effects - Workers
benzyl alcohol	4 mg/kg bw/d	Oral	Long term – Systemic effects - General population
benzyl alcohol	20 mg/kg bw/d	Oral	Short term – Systemic effects - General population
benzyl alcohol	22 mg/m3	Inhalation	Long term – Systemic effects - Workers
benzyl alcohol	110 mg/m3	Inhalation	Short term – Systemic effects - Workers

benzyl alcohol	5.4 mg/m3	Inhalation	Long term – Systemic effects - General population
benzyl alcohol	27 mg/m3	Inhalation	Short term – Systemic effects - General population
benzyl alcohol	8 mg/kg bw/d	Dermal	Long term – Systemic effects - Workers
benzyl alcohol	40 mg/kg bw/d	Dermal	Short term – Systemic effects - Workers
benzyl alcohol	4 mg/kg bw/d	Dermal	Long term – Systemic effects - General population
benzyl alcohol	20 mg/kg bw/d	Dermal	Short term – Systemic effects - General population
Titanium dioxide	10 mg/m3	Inhalation	Long term – Local effects - Workers
2-methoxy-1-methylethyl acetate	1,67 mg/kg	Oral	Long term – Systemic effects - General population
2-methoxy-1-methylethyl acetate	275 mg/kg	Inhalation	Long term – Systemic effects - Workers
2-methoxy-1-methylethyl acetate	33 mg/kg	Inhalation	Long term – Systemic effects - General population
2-methoxy-1-methylethyl acetate	153,5 mg/kg	Dermal	Long term – Systemic effects - Workers
2-methoxy-1-methylethyl acetate	54,8 mg/kg	Dermal	Long term – Systemic effects - General population

PNEC

Product/Ingredient name	PNEC	Route of exposure	Duration of Exposure
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	0.006 mg/l	Freshwater	No data available
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average	0.0006 mg/l	Marine water	No data available

molecular weight ≤ 700)			
Bisphenol F-Epoxyresin	0.003 mg/l	Freshwater	No data available
Bisphenol F-Epoxyresin	0.0003 mg/l	Marine water	No data available
benzyl alcohol	0.456 mg/kg dw	Soil	No data available
benzyl alcohol	1 mg/l	Freshwater	No data available
benzyl alcohol	5.27 mg/kg dw	Freshwater sediment	No data available
benzyl alcohol	0.1 mg/l	Marine water	No data available
benzyl alcohol	0.527 mg/kg dw	Marine water sediment	No data available
benzyl alcohol	2.3 mg/l	Intermittent release	No data available
Titanium dioxide	100 mg/kg dw	Soil	No data available
Titanium dioxide	0,127 mg/l	Freshwater	No data available
Titanium dioxide	1000 mg/kg	Freshwater sediment	No data available
Titanium dioxide	1 mg/l	Marine water	No data available
Titanium dioxide	100 mg/kg	Marine water sediment	No data available
Titanium dioxide	100 mg/l	Sewage Treatment Plant	No data available
2-methoxy-1-methylethyl acetate	0,29 mg/kg	Soil	No data available
2-methoxy-1-methylethyl acetate	0,635 mg/l	Freshwater	No data available
2-methoxy-1-methylethyl acetate	3,29 mg/Kg	Freshwater sediment	No data available
2-methoxy-1-methylethyl acetate	0,0635 mg/l	Marine water	Continuous
2-methoxy-1-methylethyl acetate	0,329 mg/kl	Marine water sediment	No data available
2-methoxy-1-methylethyl acetate	6,35 mg/l	Sewage Treatment Plant	No data available
2-methoxy-1-methylethyl acetate	100 mg/l	Sewage Treatment Plant	No data available

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, eating and drinking are not allowed in the work premises

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above).

Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

Work situation	Recommended	Type/Category	Standards	
	Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.	-	-	

Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
	Nitrile rubber	1,1 mm		EN374

Eye protection

Work situation	Recommended	Standards
	In the likelihood of direct or incidental exposure, use face protection.	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Liquid

Colour

Various colours

Odour

Characteristic

Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

pH

Testing not relevant or not possible due to nature of the product.

Density (g/cm³)

1,3-1,7

Viscosity

>5000 mPa.s

Phase changes

Melting point (°C)

Testing not relevant or not possible due to nature of the product.

Boiling point (°C)
>200 °C
Vapour pressure
Testing not relevant or not possible due to nature of the product.
Vapour density
Testing not relevant or not possible due to nature of the product.
Decomposition temperature (°C)
Testing not relevant or not possible due to nature of the product.
Evaporation rate (n-butylacetate = 100)
Testing not relevant or not possible due to nature of the product.

Data on fire and explosion hazards
Flash point (°C)
>100 °C
Ignition (°C)
Testing not relevant or not possible due to nature of the product.
Auto flammability (°C)
Testing not relevant or not possible due to nature of the product.
Explosion limits (% v/v)
Testing not relevant or not possible due to nature of the product.
Explosive properties
Testing not relevant or not possible due to nature of the product.
Oxidizing properties
Testing not relevant or not possible due to nature of the product.

Solubility
Solubility in water
Insoluble
n-octanol/water coefficient
Testing not relevant or not possible due to nature of the product.
Solubility in fat (g/L)
Testing not relevant or not possible due to nature of the product.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available
10.2. Chemical stability
The product is stable under the conditions, noted in the section “Handling and storage”.
10.3. Possibility of hazardous reactions
No special
10.4. Conditions to avoid
No special
10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity

Product/Ingredient name	Species	Test	Route of exposure	Result

reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	Rabbit	LD50	Oral	19800.00 mg/kg
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	Rat	LD50	Oral	11400.00 mg/kg
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	Rabbit	LD50	Dermal	20000.00 mg/kg
Calcium Carbonat	Rat	LD50	Oral	5000.00 mg/kg
Bisphenol F-Epoxyresin	Rat	LD50	Oral	2000.00 mg/kg
Bisphenol F-Epoxyresin	Rabbit	LD50	Dermal	2000.00 mg/l
Bisphenol F-Epoxyresin	Rat	LD50	Dermal	2000.00 mg/l
benzyl alcohol	Rat	LD50	Oral	1230.00 mg/kgbw
benzyl alcohol	Rat	LC50 (4 hours)	Inhalation	4178.00 mg/m³
benzyl alcohol	Rabbit	LD50	Dermal	2000.00 mg/kgbw
Titanium dioxide	Rat	LD50	Oral	5000.00 mg/kg
Titanium dioxide	Rat	LC50 (4 hours)	Inhalation	6.80 mg/l
Titanium dioxide	Rabbit	LD50	Dermal	5000.00 mg/kg
Amorphous silica gel	Rat	LD50	Oral	5000.00 mg/kg
Amorphous silica gel	Rabbit	LD50	Dermal	2000.00 mg/kg
2-methoxy-1-methylethyl acetate	Rat	LD50	Oral	5000.00 mg/kg

Skin corrosion/irritation

Product/Ingredient name	Species	Test	Duration	Observation Period	Irritation Parameter	Result
Titanium dioxide	-	OECD 404	No data available.	No data	overall irritation score	Negativ
Amorphous silica gel	-	OECD 404	No data available.	24 hours	overall irritation score	Negative
2-methoxy-1-	Rabbit	OECD 404	No data	No data	overall	Negative

methylethyl acetate	available.		irritation score

Causes skin irritation.

Serious eye damage/irritation

Product/Ingredient name	Species	Test	Duration	Observation Period	Irritation Parameter	Result
Titanium dioxide	-	OECD 405	No data available.	No data	overall irritation score	
Amorphous silica gel	Rabbit	OECD 405	No data available.	24 hours	overall irritation score	
2-methoxy-1-methylethyl acetate	Rabbit	OECD 405	No data available.	No data	overall irritation score	

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

This product contains substances, which may trigger allergic reaction upon dermal contact.

Germ cell mutagenicity

Product/Ingredient name	Species	Test	Result
Amorphous silica gel	-	OECD 471	Negative

Carcinogenicity

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

Reproductive toxicity

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

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.

Aspiration hazard

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

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Other information

No special

SECTION 12: Ecological information

12.1. Toxicity

Product/Ingredient name	Species	Test	Duration	Result
reaction product: bisphenol-A-(epichlorhydrin);epoxy	Fish	LC50	96 hours	1.30 mg/l

resin (number average molecular weight ≤ 700)				
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	Algae (Scenedesmus sp.)	EC50	96 hours	220.00 mg/l
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	Fish (Leuciscus idus)	EC50	96 hours	3.60 mg/l
reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)	Daphnia (Daphnia magna)	EC50	48 hours	2.80 mg/l
Calcium Carbonat	Fish (Oncorhynchus mykiss	LC50	96 hours	10000.00 mg/l
Calcium Carbonat	Algea (Desmodesmus subspicatus)	EC50	72 hours	200.00 mg/l
Calcium Carbonat	Daphnia (Daphnia magna)	EC50	48 hours	1000.00 mg/l
Bisphenol F-Epoxyresin	Fish (Leuciscus idus)	LC50	96 hours	2.54 mg/l
Bisphenol F-Epoxyresin	Daphnia (Daphnia magna)	LC0	48 hours	2.55 mg/l
benzyl alcohol	Algae (Scenedesmus sp.)	LOEC	96 hours	640.00 mg/l
benzyl alcohol	Fish (Leuciscus idus)	LC50	48 hours	646.00 mg/l
benzyl alcohol	Daphnia (Daphnia magna)	EC50	48 hours	230.00 mg/l
Titanium dioxide	Fish (Oncorhynchus mykiss	LC50	96 hours	100.00 mg/l
Titanium dioxide	Algae (Pseudokirchneriella subcapitata)	EC50	72 hours	16.00 mg/l
Titanium dioxide	Daphnia (Daphnia magna)	LC50	48 hours	100.00 mg/l
Amorphous silica gel	Fish (Brachydanio rerio)	LC50	96 hours	10000.00 mg/l
Amorphous silica gel	Daphnia	EC50	48 hours	1000.00 mg/l
2-methoxy-1-	Fish	LC50	96 hours	100.00 mg/l

methylethyl acetate				
2-methoxy-1-methylethyl acetate	Algae (Pseudokirchneriella subcapitata)	EC50	96 hours	1000.00 mg/l

12.2. Persistence and degradability

Product/Ingredient name	Biodegradability	Test	Result
benzyl alcohol	Yes	OECD 301 D (Closed Bottle)	>90 %
2-methoxy-1-methylethyl acetate	Yes	OECD 301 F (Manometric Respirometry Test)	> 60 %

12.3. Bioaccumulative potential

Product/Ingredient name	Potential bioaccumulation	LogPow	BCF
benzyl alcohol	No	No data available	No data available
2-methoxy-1-methylethyl acetate	No	1,2	No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

EWC code

Not applicable

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 - 14.4

This product is within scope of the regulations of transport of dangerous goods.

ADR/RID

UN no.	Proper Shipping Name	Class	PG	Tunnel restriction code
3082	ENVIRONMENTALLY HAZARDOUS	9	III	3 (-)

UN no.	Proper Shipping Name	Class	PG	Tunnel restriction code
	SUBSTANCE, LIQUID, N.O.S.			

IMDG

UN no.	Proper Shipping Name	Class	PG	EmS
3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	III	F-A, S-F

IATA

Not applicable

Marine pollutant

Yes

14.5. Environmental hazards

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

14.6. Special precautions for user

Not applicable

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances:

E2

Additional information

Not applicable

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
The Control of Major Accident Hazards (COMAH) Regulations 2015.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
Regulation (EC) 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.
H302, Harmful if swallowed.
H332, Harmful if inhaled.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVCB = Complex hydrocarbon substance
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)
The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.