

SAFETY DATA SHEET

1K Dampproof Membrane 607

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

1.1. Product identifier

Trade name

1K Dampproof Membrane 607

▼ Unique formula identifier (UFI)

UKPP-G0G2-V00S-XVWT

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

Relevant identified uses of the substance or mixture

1-component isocyanate based damp proof membrane

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address

Dana Lim A/S

Københavnsvej 220

DK-4600 Køge

Denmark

Tel: +45 56 64 00 70

Fax: +45 56 64 00 90

Contact person

Product Safety Department

E-mail

info@danalim.dk

SDS date

2021-04-13

SDS Version

2.0

Date of previous version

2020-12-02 (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.

Acute Tox. 4; H332, Harmful if inhaled.

Resp. Sens. 1; H334, May cause allergy or asthma symptoms or breathing difficulties if inhaled.

STOT SE 3; H335, May cause respiratory irritation.

Carc. 2; H351, Suspected of causing cancer.

STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Harmful if inhaled.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause respiratory irritation.

Suspected of causing cancer.

May cause damage to organs through prolonged or repeated exposure.

Safety statement(s)

General

-

Prevention

P260, Do not breathe vapour / mist.

P280, Wear eye protection / protective gloves / protective clothing.

P284, [In case of inadequate ventilation] wear respiratory protection.

Response

P302+P352, IF ON SKIN: Wash with plenty of water and soap.

P304+P340, IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P342+P311, If experiencing respiratory symptoms: Call a POISON CENTER / doctor

Storage

-

Disposal

-

▼ Hazardous substances

4,4'-methyldiphenyldiisocyanat

diphenylmethan-2,4'-diisocyanat

2,2'-methyldiphenyldiisocyanat

Diphenyl methane diisocyanate, isomers and homologues

2.3. Other hazards

Additional labelling

EUH204, Contains isocyanates. May produce an allergic reaction.

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/substance	Identifiers	% w/w	Classification	Note
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

4,4'-methylendiphenyldiisocyanat	CAS No.: 101-68-8 EC No.: 202-966-0 REACH: 01-2119457014-47-xxxx Index No.: 615-005-00-9	25-40%	Skin Sens. 1, H317 Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 Resp. Sens. 1, H334 (SCL: 0.10 %) STOT SE 3, H335 (SCL: 5.00 %) Carc. 2, H351 STOT RE 2, H373 Skin Irrit. 2, H315 (SCL: 5.00 %)	Annex XVII
Prepolymer based on aromatic polyisocyanate	CAS No.: 67815-87-6 EC No.: 642-899-8 REACH: Index No.:	25-40%	STOT RE 2, H373 Acute Tox. 4, H332 Eye Irrit. 2, H319 Skin Sens. 1, H317 Skin Irrit. 2, H315 STOT SE 3, H335	
diphenylmethan-2,4'-diisocyanat	CAS No.: 5873-54-1 EC No.: 227-534-9 REACH: 01-2119480143-45-0000 Index No.: 615-005-00-9	15-25%	Skin Irrit. 2, H315 (SCL: 5.00 %) Skin Sens. 1, H317 Resp. Sens. 1, H334 (SCL: 0.10 %) Acute Tox. 4, H332 Eye Irrit. 2, H319 (SCL: 5.00 %) Carc. 2, H351 STOT RE 2, H373 STOT SE 3, H335 (SCL: 5.00 %)	Annex XVII
Diphenyl methane diisocyanate, isomers and homologues	CAS No.: 9016-87-9 EC No.: 618-498-9 REACH: Index No.:	3-5%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Resp. Sens. 1, H334 Acute Tox. 4, H332 Eye Irrit. 2, H319 Carc. 2, H351 STOT RE 2, H373 STOT SE 3, H335	
2,2'-methylidiphenyldiisocyanat	CAS No.: 2536-05-2 EC No.: 219-799-4 REACH: 01-2119927323-43-0000 Index No.: 615-005-00-9	3-5%	Skin Irrit. 2, H315 (SCL: 5.00 %) Skin Sens. 1, H317 Resp. Sens. 1, H334 (SCL: 0.10 %) Acute Tox. 4, H332 Eye Irrit. 2, H319 (SCL: 5.00 %) Carc. 2, H351 STOT RE 2, H373 STOT SE 3, H335 (SCL: 5.00 %)	Annex XVII

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

Other information

Annex XVII: The chemical substance is subject to REACH restrictions, REACH annex XVII.

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 injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery

position. Call an ambulance.

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.

Sensitisation: This product contains substances, which may produce an allergic reaction through inhalation. The allergic reaction typically takes place within an hour after exposure. The reaction results in an inflammatory reaction to the lungs.

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 exposed or concerned:

Get immediate medical advice/attention.

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

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense 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:

Nitrogen oxides (NO_x)

Carbon oxides (CO / CO₂).

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

Avoid direct contact with spilled substances.

Avoid inhalation of vapours from spilled material.

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 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

▼ 7.1. Precautions for safe handling

Avoid direct contact with the product.

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

See section 8 "Exposure controls/personal protection" for information on personal protection.

▼ 7.2. Conditions for safe storage, including any incompatibilities

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

Recommended storage material

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

Storage temperature

Dry, cool and well ventilated

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

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

No substances are listed in the national list of substances with an occupational exposure limit.

▼ DNEL

Product/substance	4,4´-methylen-diphenyl-diisocyanat
DNEL	0,025 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Local effects - General population

Product/substance	4,4´-methylen-diphenyl-diisocyanat
DNEL	0,05 mg/m ³
Route of exposure	Inhalation
Duration	Short term – Local effects - General population

Product/substance	4,4´-methylen-diphenyl-diisocyanat
DNEL	0,1 mg/m ³
Route of exposure	Inhalation
Duration	Short term – Local effects - Workers

Product/substance	4,4´-methylen-diphenyl-diisocyanat
DNEL	0,05 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Local effects - Workers

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	diphenylmethan-2,4'-diisocyanat
DNEL	0,05 mg/m ³
Route of exposure	Inhalation
Duration	Short term – Local effects - General population

Product/substance	diphenylmethan-2,4'-diisocyanat
DNEL	0,025 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Local effects - General population

Product/substance	diphenylmethan-2,4'-diisocyanat
DNEL	0,1 mg/m ³
Route of exposure	Inhalation
Duration	Short term – Local effects - Workers

Product/substance	diphenylmethan-2,4'-diisocyanat
DNEL	0,05 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Local effects - Workers

▼ PNEC

Product/substance	4,4'-methyldiphenyldiisocyanat
PNEC	1 mg/l
Route of exposure	Freshwater
Duration of Exposure	

Product/substance	4,4'-methyldiphenyldiisocyanat
PNEC	0,1 mg/l
Route of exposure	Marine water
Duration of Exposure	

Product/substance	4,4'-methyldiphenyldiisocyanat
PNEC	1 mg/l
Route of exposure	Sewage treatment plant
Duration of Exposure	

Product/substance	4,4'-methyldiphenyldiisocyanat
PNEC	1 mg/kg dryweight
Route of exposure	Soil
Duration of Exposure	

Product/substance	4,4'-methyldiphenyldiisocyanat
PNEC	10 mg/l
Route of exposure	Intermittent release
Duration of Exposure	

Product/substance	diphenylmethan-2,4'-diisocyanat
PNEC	1 mg/l
Route of exposure	Freshwater
Duration of Exposure	

Product/substance diphenylmethan-2,4'-diisocyanat
 PNEC 0,1 mg/l
 Route of exposure Marine water
 Duration of Exposure

Product/substance diphenylmethan-2,4'-diisocyanat
 PNEC 1 mg/l
 Route of exposure Sewage treatment plant
 Duration of Exposure

Product/substance diphenylmethan-2,4'-diisocyanat
 PNEC 1 mg/kg dryweight
 Route of exposure Soil
 Duration of Exposure

Product/substance diphenylmethan-2,4'-diisocyanat
 PNEC 10 mg/l
 Route of exposure Intermittent release
 Duration of Exposure

▼ 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

▼ General recommendations

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

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Do not recirculate outlet air that contain the substances.

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

Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Use only CE marked protective equipment.

Respiratory Equipment

Work situation	Type	Class	Colour	Standards
In case of insufficient ventilation	A	Class 3 (high capacity)	Brown	EN141



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	0.4	> 480	EN374-2, EN374-3, EN388



Eye protection

Work situation	Type	Standards
	Wear safety glasses with side shields.	EN166



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

▼ Physical state

Liquid

Colour

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

▼ Odour / Odour threshold

Faint

pH

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

Density (g/cm³)

1.18

▼ Kinematic viscosity

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

▼ Particle characteristics

Does not apply to liquids.

Phase changes

▼ Melting point/Freezing point (°C)

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

▼ Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

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

Vapour pressure

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

▼ Relative 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.

Data on fire and explosion hazards

Flash point (°C)

110.00 °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.

▼ Lower and upper explosion limit (% v/v)

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

Solubility

Solubility in water

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

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

▼ Evaporation rate (n-butylacetate = 100)

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

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

▼ 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "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 hazard classes as defined in Regulation (EC) No 1272/2008

▼ Acute toxicity

Product/substance	4,4'-methylen-diphenyl-diisocyanat
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg ·
Other information	

Product/substance	4,4'-methylen-diphenyl-diisocyanat
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>9400 mg/kg ·
Other information	

Product/substance	4,4'-methylen-diphenyl-diisocyanat
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Test method	
Species	Rat
Route of exposure	Inhalation
Test	LD50
Result	0,368 mg/l (dust) ·
Other information	

Product/substance	Diphenyl methane diisocyanate, isomers and homologues
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg ·
Other information	

Product/substance	Diphenyl methane diisocyanate, isomers and homologues
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	490 mg/m ³ , 4h ·
Other information	

Harmful if inhaled.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

▼ Respiratory sensitisation

Product/substance	4,4´-methylenediphenyldiisocyanat
Test method	
Species	Guinea pig
Result	Adverse effect observed (sensitising)
Other information	

▼ Skin sensitisation

Product/substance	4,4´-methylenediphenyldiisocyanat
Test method	
Species	
Result	Adverse effect observed (sensitising)
Other information	

Germ cell mutagenicity

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

▼ Carcinogenicity

Product/substance	4,4´-methylenediphenyldiisocyanat
Test method	
Species	Rat
Route of exposure	
Target organ	
Duration	

Test	OECD 453
Result	Tumors in highest dosis group
Conclusion	Adverse effect observed
Other information	

Suspected of causing cancer.

▼ Reproductive toxicity

Product/substance	4,4´-methylen-diphenyl-diisocyanat
Test method	
Species	Rat
Duration	
Test	OECD TG 414
Result	No adverse effect observed
Conclusion	No adverse effect observed
Other information	

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

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

11.2 Information on other hazards

▼ Long term effects

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.
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.

▼ Endocrine disrupting properties

No special

▼ Other information

4,4´-methylen-diphenyl-diisocyanat has been classified by IARC as a group 3 carcinogen.
 Diphenyl methane diisocyanate, isomers and homologues has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

▼ 12.1. Toxicity

Product/substance	Diphenyl methane diisocyanate, isomers and homologues
Test method	
Species	Daphnia
Compartment	
Duration	24 hours
Test	EC50
Result	>1000 mg/l ·
Other information	

Product/substance	Diphenyl methane diisocyanate, isomers and homologues
Test method	
Species	
Compartment	
Duration	3 hours

Test	EC50
Result	>100 mg/l
Other information	

▼ 12.2. Persistence and degradability

Product/substance	4,4'-methylendiphenyldiisocyanat
Biodegradable	No
Test	
Result	

▼ 12.3. Bioaccumulative potential

Product/substance	4,4'-methylendiphenyldiisocyanat
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

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. Endocrine disrupting properties

No special

▼ 12.7. Other adverse effects

No special

SECTION 13: Disposal considerations

▼ 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute toxicity

HP 7 - Carcinogenic

HP 13 - Sensitising

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

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances

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

Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

Not applicable

IMDG

Not applicable

▼ IATA

Not applicable

▼ MARINE POLLUTANT

No

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

▼ 14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

Use of this product requires dedicated training in work with polyurethane and epoxy products.

SEVESO - Categories / dangerous substances

Not applicable

Additional information

Not applicable

▼ Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

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

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H332, Harmful if inhaled.

H334, May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335, May cause respiratory irritation.

H351, Suspected of causing cancer.

H373, May cause damage to organs through prolonged or repeated exposure.

H315, Causes skin irritation.

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
SCL = A specific concentration limit.
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 substance/mixture is based on:

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The safety data sheet is validated by

Product Safety Department

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.

Country-language: GB-en