

SAFETY DATA SHEET

Plastisk Træ 638

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

1.1. Product identifier

Trade name

Plastisk Træ 638

Unique formula identifier (UFI)

A35C-Q39V-500X-23RW

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

Relevant identified uses of the substance or mixture

Wood filler

Uses advised against

None known.

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

Contact person

Product Safety Department

E-mail

info@danalim.dk

Revision

16/04/2024

SDS Version

4.0

Date of previous version

11/04/2024 (3.0)

1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flam. Sol. 1; H228, Flammable solid.

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

STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Flammable solid. (H228)

Causes serious eye irritation. (H319)

May cause drowsiness or dizziness. (H336)

Precautionary statement(s)

General

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

▼ Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Use only outdoors or in a well-ventilated area. (P271)

▼ Response

-

▼ Storage

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

Disposal

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances

ethyl acetate

Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.
UFI: A35C-Q39V-500X-23RW

2.3. Other hazards

Additional warnings

Dust from flammable solids can be explosive, even if they are not hazardous substances.
This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
ethyl acetate	CAS No.: 141-78-6 EC No.: 205-500-4 REACH: 01-2119475103-46-XXXX Index No.: 607-022-00-5	40-60%	EUH066 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]
Cellulose, nitrate	CAS No.: 9004-70-0 EC No.: 618-392-2 REACH: Index No.:	10-15%	Expl. 1.1, H201	
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: 01-2119457610-43-xxxx Index No.: 603-002-00-5	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS No.: 64742-48-9 EC No.: 919-857-5 REACH: 01-2119463258-33 Index No.:	1-3%	EUH066 Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336	
xylene	CAS No.: 1330-20-7 EC No.: 215-535-7 REACH: 01-2119488216-32-XXXX Index No.: 601-022-00-9	<0.25%	Flam. Liq. 3, H226 Acute Tox. 4, H312 Skin Irrit. 2, H315 Acute Tox. 4, H332	[1]
dodecyl acrylate	CAS No.: 2156-97-0 EC No.: 218-463-4 REACH: 01-2119976296-23-XXXX	<0.0015%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	

Index No.:

STOT SE 3, H335
Aquatic Chronic 2, H411

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

Other information

[1] 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

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

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

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

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 person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

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.

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and 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.

Information to medics

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish fire with dry sand, mineral wool or special powder (class D). Can also be extinguished with foam or carbon dioxide during the first minutes when the solvent is burning. After a short time, when the solvent has burned, it is a metal fire, and then only use dry sand, mineral wool or special powder (class D).

Unsuitable extinguishing media: DO NOT USE WATER!

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:

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 chemical emergency services on 72 85 20 00 (24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Cleaning up the material must be done only with squeegees or soft natural bristle brushes. Scoops used to pick up the material must be conductive and non-sparking. Synthetic bristle brushes and plastic or other non-conductive scoops must not be used, since they tend to accumulate strong static charges.

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep all containers sealed except when opened for removal of material. Reseal containers immediately after each use to prevent contamination or, in the case of pastes, loss of solvent.

May form combustible dust concentrations in air.

Take action to prevent static discharges.

Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

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

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

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

Powder trickling out onto the floor or onto other containers must be prevented.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Recommended storage material

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

Fire class

In accordance with the statutory order on flammable liquids the product is classified as a liquid of class I, subclass 1 (1 storage unit = 1 liter).

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

ethyl acetate

Long term exposure limit (8 hours) (mg/m³): 540

Long term exposure limit (8 hours) (ppm): 150

Short term exposure limit (15 minutes) (mg/m³): 1468

Short term exposure limit (15 minutes) (ppm): 400

Annotations:

E = Substance has an EC limit.

Ethanol

Long term exposure limit (8 hours) (mg/m³): 1900

Long term exposure limit (8 hours) (ppm): 1000

Short term exposure limit (15 minutes) (mg/m³): 3800

Short term exposure limit (15 minutes) (ppm): 2000

Propan-2-ol

Long term exposure limit (8 hours) (mg/m³): 490

Long term exposure limit (8 hours) (ppm): 200

Short term exposure limit (15 minutes) (mg/m³): 980

Short term exposure limit (15 minutes) (ppm): 400

xylene

Long term exposure limit (8 hours) (mg/m³): 109

Long term exposure limit (8 hours) (ppm): 25

Short term exposure limit (15 minutes) (mg/m³): 442

Short term exposure limit (15 minutes) (ppm): 100

Annotations:

E = Substance has an EC limit.

H = The substance can be absorbed through the skin.

Statutory order 291 on exposure limits for substances and mixtures (19/03/2024)

DNEL

Propan-2-ol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	89 mg/m ³
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day

PNEC

Propan-2-ol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140,9 mg/l
Freshwater sediment		552 mg/kg
Marine water		140,9 mg/l
Marine water sediment		552 mg/kg
Sewage treatment plant		2251 mg/l
Soil		28 mg/kg

xylene

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		327 µg/L
Freshwater sediment		12.46 mg/kg

	sediment dw
Marine water	327 µg/L
Marine water sediment	12.46 mg/kg sediment dw
Sewage treatment plant	6.58 mg/L

8.2. Exposure controls

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

General recommendations

When transferring the materials, dust clouds should be kept at an absolute minimum. Handling should be slow and deliberate. The materials should be transferred from one container to another using a non-sparking, conductive metal scoop.

When mixing the material with other dry ingredients, frictional heat should be avoided. The best type of mixer for a dry mixing operation is one that contains no moving parts, but rather affects a tumbling action, such as a conical blender. Introduction of an inert atmosphere in the blender is highly recommended since dust clouds are generated. All equipment must be well grounded.

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

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

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

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. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally


Work clothing should be made of smooth, closely woven fire resistant/fire retardant fabrics which tend not to accumulate static electric charges. Trousers should have no cuffs where the material might accumulate. Pockets, if present, should be designed in such a way as to eliminate the accumulation of dust.

In the event the work process is within scope of the Danish statutory order on work with code numbered products (Work Inspectorate Order no. 302/1993), then personal protection equipment shall be selected as set out herein. If applicable, please refer to the code number of this product in section 15.

Use only CE marked protective equipment.


Respiratory Equipment

Type	Class	Colour	Standards
AX		Brown	EN14387



Skin protection

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

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Butyl	0,7	> 480	EN374-2, EN374-3, EN388, EN421



Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Paste

Colour

Various colours

Odour / Odour threshold

Solvent

pH

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

Density (g/cm³)

1.1

Kinematic viscosity

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

Particle characteristics

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

Phase changes

Melting point/Freezing point (°C)

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

Boiling point (°C)

76

Vapour pressure

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

Relative vapour density

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

Decomposition temperature (°C)

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

Data on fire and explosion hazards

Flash point (°C)

-4

Flammability (°C)

The material is ignitable.

Auto-ignition temperature (°C)

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

Lower and upper explosion limit (% v/v)

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

Solubility

Solubility in water

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

n-octanol/water coefficient (LogKow)

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

Solubility in fat (g/L)

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

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidizing properties

Testing not relevant or not possible due to the 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

None known.

10.4. Conditions to avoid

Avoid static electricity.

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

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 ethyl acetate

Species: Rat

Route of exposure: Oral

Test: LD50

Result: 5600 mg/kg ·

Product/substance ethyl acetate

Species: Rat

Route of exposure: Inhalation

Test: LC50

Result: 56000 mg/l/4h ·

Product/substance xylene

Species: Rat

Route of exposure: Oral

Test: LD50

Result: >3900 mg/kg ·

Product/substance xylene

Species: Rat

Route of exposure: Inhalation

Test: LC50

Result: 20 mg/l 4h ·

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

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

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

May cause drowsiness or dizziness.

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.

11.2. Information on other hazards

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.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

Propan-2-ol has been classified by IARC as a group 3 carcinogen.
 xylene has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	ethyl acetate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>200 mg/l ·

Product/substance	ethyl acetate
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	>700 mg/l ·

Product/substance	ethyl acetate
Species:	Algae
Duration:	72 hours
Test:	IC50
Result:	>100 mg/l ·

Product/substance	xylene
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	2 mg/l ·

Product/substance	xylene
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	8,5 mg/l ·

Product/substance	xylene
Species:	Algae
Duration:	72 hours
Test:	LC50
Result:	3,2 mg/l ·

12.2. Persistence and degradability

Product/substance	ethyl acetate
Conclusion:	Readily biodegradable

Product/substance xylene
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance xylene
BCF: 24
LogKow: 3,1500
Conclusion: -

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
To the extent the material has not been subject to regular tests of peroxide formation the waste shall be treated as explosive waste.

HP 3 - Flammable

HP 4 - Irritant (skin irritation and eye damage)

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

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

EWC code

08 04 09* Waste adhesives and sealants 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 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN1325	FLAMMABLE SOLID, ORGANIC, N.O.S. (ethyl acetate)	Transport hazard class: 4.1 Label: 4.1 Classification code: F1 	II	No	Limited quantities: 1 kg Tunnel restriction code: (E) See below for additional information.
IMDG	UN1325	FLAMMABLE SOLID, ORGANIC, N.O.S. (ethyl acetate)	Transport hazard class: 4.1 Label: 4.1 Classification code: F1 	II	No	Limited quantities: 1 kg EmS: F-A S-G See below for additional information.
IATA	UN1325	FLAMMABLE SOLID, ORGANIC, N.O.S. (ethyl acetate)	Transport hazard class: 4.1 Label: 4.1 Classification code: F1	II	No	See below for additional information.

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
					

* Packing group

** Environmental hazards

Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

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

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

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

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

REACH, Annex XVII

ethyl acetate is subject to REACH restrictions, REACH annex XVII (entry 40).

Ethanol is subject to REACH restrictions, REACH annex XVII (entry 40).

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics is subject to REACH restrictions, REACH annex XVII (entry 40).

Propan-2-ol is subject to REACH restrictions, REACH annex XVII (entry 40).

xylene is subject to REACH restrictions, REACH annex XVII (entry 40).

Product registration number

374038

Additional information

Tactile warning.

Code number (1993): 3-1.

Sources

The Danish Working Environment Authority's executive order no. 1049 of 30 May 2021 on young people's work.

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

Pregnant workers and workers who are breastfeeding (AT Guide A.1.8-6, amended 2020).

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

Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre med senere ændringer.

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 (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.
H201, Explosive; mass explosion hazard.
H225, Highly flammable liquid and vapour.
H226, Flammable liquid and vapour.
H304, May be fatal if swallowed and enters airways.
H312, Harmful in contact with skin.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H336, May cause drowsiness or dizziness.
H411, Toxic to aquatic life with long lasting effects.

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
CE = Conformité Européenne (European conformity)
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
EuPCS = European Product Categorisation System
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
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
The classification of the mixture in regard to physical hazards has been based on experimental data.

▼ 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 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: DK-en