

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Qubik NTF Binder

Product no.

-

REACH registration number

Not applicable

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

Relevant identified uses of the substance or mixture

Binder to Qubik NTF hardener

Uses advised against

Only to be used by professionals. Must not be used by consumers.
The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

Gjerlev a/s
Mandal Allé 9A
5500 Middelfart
Tlf: +45 72 28 28 06
www.gjerlev.as

Contact person

Kjeld Gjerlev

E-mail

info@gjerlev.as

SDS date

2016-07-13

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

Asp. Tox. 1; H304
Skin Sens. 1; H317
Muta. 2; H341
Aquatic Chronic 2; H411

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)
 May cause an allergic skin reaction. (H317)
 Suspected of causing genetic defects. (H341)
 Toxic to aquatic life with long lasting effects. (H411)

Safety statement(s)	General	-
	Prevention	Obtain special instructions before use. (P201). Wear protective gloves/eye protection. (P280).
	Response	Use personal protective equipment as required. (P281). Do NOT induce vomiting. (P331). IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310). IF exposed or concerned: Get medical advice/attention. (P308+P313).
	Storage	-
	Disposal	-

Identity of the substances primarily responsible for the major health hazards

Distillates (petroleum), hydrotreated light Kerosine - unspecified [A complex combination of hydr, 2,3-epoxypropylneodecanoat, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700), Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

2.3. Other hazards

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

Additional labelling

-

Additional warnings

-

VOC

-

SECTION 3: Composition/information on ingredients**3.1/3.2. Substances/Mixtures**

NAME:	Distillates (petroleum), hydrotreated light Kerosine - unspecified [A complex combination of hydr
IDENTIFICATION NOS.:	CAS-no: 64742-47-8 EC-no: 265-149-8 Index-no: 649-422-00-2
CONTENT:	60-80%
CLP CLASSIFICATION:	Asp. Tox. 1 H304
NAME:	2,3-epoxypropylneodecanoat
IDENTIFICATION NOS.:	CAS-no: 26761-45-5 EC-no: 247-979-2 REACH-no: 01-2119431597-33-XXXX
CONTENT:	25-40%
CLP CLASSIFICATION:	Skin Sens. 1, Muta. 2, Aquatic Chronic 2 H317, H341, H411
NAME:	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq
700)	
IDENTIFICATION NOS.:	CAS-no: 25068-38-6 EC-no: 500-033-5 REACH-no: 01-2119456619-26-XXXX Index-no: 603-074-
00-8	
CONTENT:	1-3%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2 H315, H317, H319, H411
NAME:	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol
IDENTIFICATION NOS.:	CAS-no: 9003-36-5 EC-no: 500-006-8 REACH-no: 01-2119454392-40-xxxx
CONTENT:	<1%
CLP CLASSIFICATION:	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2 H315, H317, H411

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



Other information

Eye Cat. 2 Sum = $\text{Sum}(\text{Ci}/\text{S}(\text{G})\text{CLi}) = 0,18 - 0,27$
 Skin Cat. 2 Sum = $\text{Sum}(\text{Ci}/\text{S}(\text{G})\text{CLi}) = 0,18 - 0,27$
 N chronic (CAT 2) Sum = $\text{Sum}(\text{Ci}/\text{M}(\text{chronic})^i * 25^0.1 * 10^{\wedge}\text{CATi}) = > 1 - 1,469928$

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 workplace instruction. The doctor can contact the The National Poisons Information Service (dial 111, 24 h service). 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

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.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 15 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

In the case of ingestion, contact a doctor immediately and bring workplace instruction or label. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.
 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.

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

IF exposed or concerned:
 Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. 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.

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

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

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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 data available.

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

OEL

No substances are listed in the The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

DNEL / PNEC

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 8,33 kg/kg bw/day
Exposure: Dermal

Duration of Exposure: Short term – Systemic effects - Workers

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 12,25 mg/m³

Exposure: Inhalation

Duration of Exposure: Short term – Systemic effects - Workers

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 8,33 kg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 12,25 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 3,571 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Short term – Systemic effects - General population

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 0,75 mg/kg bw/day

Exposure: Oral

Duration of Exposure: Short term – Systemic effects - General population

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 3,571 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 0,75 mg/kg bw/day

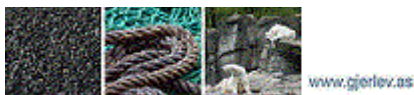
Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700)): 0,75 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population



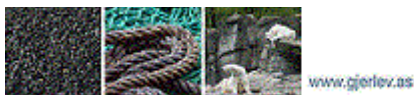
DNEL (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700): 0,75 mg/m³
 Exposure: Inhalation
 Duration of Exposure: Short term – Systemic effects - General population
 DNEL (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 8,3 µg/cm²
 Exposure: Dermal
 Duration of Exposure: Short term – Local effects - Workers
 DNEL (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 104,15 mg/kg bw/day
 Exposure: Dermal
 Duration of Exposure: Long term – Systemic effects - Workers
 DNEL (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 29,39 mg/m³
 Exposure: Inhalation
 Duration of Exposure: Long term – Systemic effects - Workers
 DNEL (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 62,5 mg/kg bw/day
 Exposure: Dermal
 Duration of Exposure: Long term – Systemic effects - General population
 DNEL (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 8,7 mg/m³
 Exposure: Inhalation
 Duration of Exposure: Long term – Systemic effects - General population
 DNEL (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 6,25 mg/kg bw/day
 Exposure: Oral
 Duration of Exposure: Long term – Systemic effects - General population
 DNEL (2,3-epoxypropylneodecanoat): 1,4 mg/kg bw/day
 Exposure: Dermal
 Duration of Exposure: Long term – Systemic effects - Workers
 DNEL (2,3-epoxypropylneodecanoat): 1,965 mg/m³
 Exposure: Inhalation
 Duration of Exposure: Long term – Systemic effects - Workers
 DNEL (2,3-epoxypropylneodecanoat): 0,7 mg/kg bw/day
 Exposure: Dermal
 Duration of Exposure: Long term – Systemic effects - General population
 DNEL (2,3-epoxypropylneodecanoat): 1 mg/m³
 Exposure: Inhalation
 Duration of Exposure: Long term – Systemic effects - General population
 DNEL (2,3-epoxypropylneodecanoat): 1,1 mg/kg bw/day
 Exposure: Oral
 Duration of Exposure: Long term – Systemic effects - General population

PNEC (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700): 3 µg/L
 Exposure: Freshwater
 PNEC (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700): 0,3 µg/L
 Exposure: Marine water
 PNEC (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700): 0,13 mg/L
 Exposure: Intermittent release
 PNEC (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700): 0,5 mg/kg dwt
 Exposure: Freshwater sediment
 PNEC (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700): 0,5 mg/kg dwt
 Exposure: Marine water sediment
 PNEC (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700): 10 mg/L
 Exposure: Sewage Treatment Plant
 PNEC (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 0,003 mg/l
 Exposure: Freshwater
 PNEC (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 0,0003 mg/L
 Exposure: Marine water
 PNEC (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 10 mg/L
 Exposure: Sewage Treatment Plant
 PNEC (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 0,294 mg/kg dw
 Exposure: Freshwater sediment
 PNEC (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 0,0294 mg/kg dw
 Exposure: Marine water sediment
 PNEC (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 0,237 mg/kg dw
 Exposure: Soil
 PNEC (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol): 0,0254 mg/L
 Exposure: Intermittent release
 PNEC (2,3-epoxypropylneodecanoat): 0,0035 mg/L
 Exposure: Freshwater
 PNEC (2,3-epoxypropylneodecanoat): 0,35 µg/L
 Exposure: Marine water
 PNEC (2,3-epoxypropylneodecanoat): 50 mg/L
 Exposure: Sewage Treatment Plant
 PNEC (2,3-epoxypropylneodecanoat): 0,035 mg/L
 Exposure: Intermittent release

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations



Observe general occupational hygiene standards.

Exposure scenarios

Exposure risk measures, guidelines on personal protective equipment is implemented in this safety data sheet. Make sure all users are familiar with their contents.

Exposure limits

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

Appropriate technical measures

Outlet air that contain the substances shall not be recirculated. Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

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

Recommended: Self contained breathing apparatus.

Skin protection

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

Hand protection

Recommended: Butyl rubber

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	No data available.
pH	No data available.
Viscosity	294 cP
Density (g/cm ³)	1,1

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	>200
Vapour pressure	No data available.

Data on fire and explosion hazards

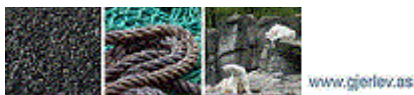
Flashpoint (°C)	130
Ignition (°C)	No data available.
Self-ignition (°C)	No data available.
Explosion limits (Vol %)	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.
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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

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 toxicological effects

Acute toxicity

Substance	Species	Test	Route of exposure	Result
Formaldehyde, oligomeric react...	Rat	LD50	Oral	2000 mg/kg
Formaldehyde, oligomeric react...	Rabbit	LD50	Dermal	> 2000 mg/kg
reaction product: bisphenol-A...	Rat	LD50	Oral	114100
reaction product: bisphenol-A...	Rat	LD50	Dermal	mg/kg
2,3-epoxypropylneodecanoat	Rat	LD50	Oral	> 2000 mg/kg
2,3-epoxypropylneodecanoat	Rat	LC50	Inhalation	> 9700 mg/kg
2,3-epoxypropylneodecanoat	Rat	LD50	Dermal	> 240 mg/m ³ /4h > 3,9 gm/kg

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Suspected of causing genetic defects.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

May be fatal if swallowed and enters airways.

Long term effects

No special



SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Duration	Result
Formaldehyde, oligomeric react...	Fish	LC50	96 h	2,54 mg/L
Formaldehyde, oligomeric react...	Crustacean	EC50	48 h	2,55 mg/L
Formaldehyde, oligomeric react...	Algae	EC50	72 h	> 1000 mg/L
reaction product: bisphenol-A...	Fish	LC50	96 h	1,3 mg/L
reaction product: bisphenol-A...	Crustacean	EC50	48 h	2,1 mg/L
reaction product: bisphenol-A...	Algae	LC50	72 h	> 11mg/L
2,3-epoxypropylneodecanoat	Fish	LC50	96 h	9,6 mg/L
2,3-epoxypropylneodecanoat	Daphnia	EC50	48 h	4,8 mg/L
2,3-epoxypropylneodecanoat	Algae	EC50	96 h	3,5 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data available.			

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Formaldehyde, oligomeric react...	Yes	3,3	150
reaction product: bisphenol-A...	No	2,64	31
2,3-epoxypropylneodecanoat	No	2,6	No data available

12.4. Mobility in soil

Formaldehyde, oligomeric react...: Log Koc= 2,69167, Calculated from LogPow (Moderate mobility potential.).

reaction product: bisphenol-A...: Log Koc= 2,169016, Calculated from LogPow (Moderate mobility potential.).

2,3-epoxypropylneodecanoat: Log Koc= 2,13734, Calculated from LogPow (Moderate mobility potential.).

12.5. Results of PBT and vPvB assessment

No data available

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 due to poor biodegradability, may cause adverse long-term effects to the aquatic environment, This product contains substances with the potential of bioaccumulation resulting in the risk of accumulation in the food chain. Bioaccumulative substances are concentrated in adipose tissue and are not easily secreted.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

Waste

EWC code

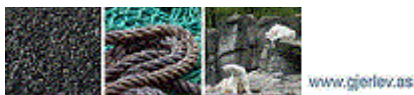
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Specific labelling

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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

14.1. UN number	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es)	9
14.4. Packing group	III
Notes	-
Tunnel restriction code	-

IMDG

UN-no.	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700))
Class	9
PG*	III
EmS	-
MP**	-
Hazardous constituent	-

IATA/ICAO

UN-no.	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight \leq 700))
Class	9
PG*	III

14.5. Environmental hazards

-

14.6. Special precautions for user

-

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

No data available

(*) Packing group

(**) Marine pollutant

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.

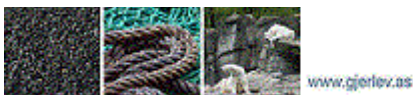
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

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Additional information

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Sources

COUNCIL DIRECTIVE 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

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

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).

EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H341 - Suspected of causing genetic defects.

H411 - Toxic to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

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Other symbols mentioned in section 2

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Other

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.

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.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

AW /CHYMEIA

Date of last essential change (First cipher in SDS version)

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Date of last minor change (Last cipher in SDS version)

-