

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

1.1. Product identifier

Name of product PUR-O-RIP A-Komponente

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

No information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

TPH Bausysteme GmbH
Nordportbogen 8, D-22848 Norderstedt
Phone +49 (0)40 / 52 90 66 78-0, Fax +49 (0)40 / 52 90 66 78-78
E-Mail info@tph-bausysteme.com
Internet www.tph-bausysteme.com

Advice

Research & Development
E-mail (competent person):
j.guenther@tph-bausysteme.com

1.4. Emergency telephone number

Emergency advice

Phone +49 (0)40 / 52 90 66 78-52

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No information available.

2.3. Other hazards

No information available.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
25322-69-4		Polypropylene glycol	10 - 20	Acute Tox. 4, H302

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Rinse out mouth and give plenty of water to drink.

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

No information available.

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder

Carbon dioxide

Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep people away and stay on the upwind side.

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

After taking up the material dispose according to regulation.

Additional Information

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

General protective measures

Do not inhale vapours.

Hygiene measures

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Keep separated from food and feed.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.

Advice on storage compatibility

no

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Storage: dry

Storage temperature between 10°C to 30°C (=50°F to 86°F).

Product is hygroscopic.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Hand protection

Synthetic rubber gloves

Eye protection

tightly fitting goggles

Other protection measures

protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

yellowish

Odour

almost odourless

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
Acid number	not applicable				
boiling range	> 200 °C				
stock point	not determined				
Flash point	> 230 °C				
Vapourisation rate	not determined				
Flammable (solid)	not applicable				
Flammability (gas)	not applicable				
Ignition temperature	not determined				
Self ignition temperature	no				
Lower explosion limit	not applicable				
Upper explosion limit	not applicable				

	Value	Temperature	at	Method	Remark
Vapour pressure	< 1 hPa	20 °C			
Relative density	ca. 0,98 g/cm ³	23 °C		DIN EN ISO 2811-1	
Bulk density	not applicable				
Vapour density	not applicable				
Solubility in water					partially miscible
Solubility/other			not determined		
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	No data available				
Viscosity dynamic	ca. 440 mPa*s	23 °C		DIN EN ISO 2555	
Solvent separation test	not determined				
Solvent content	0 %				
Water content	not determined				
Solids content	not applicable				
Combustion value	not determined				
Oxidising properties	no				
Explosive properties	no				
9.2. Other information	no				

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

None, if handled according to order.

10.5. Incompatible materials

Substances to avoid

Reactions with strong acids and alkalis.

Reactions with oxidising agents.

10.6. Hazardous decomposition products

No dangerous composition products during appropriate storage and handling.

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	1000 - 2000 mg/kg	rat		
LD50 acute dermal	> 10000 mg/kg	rabbit		
LC50 acute inhalation	not determined			
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	non-sensitizing			
Sensitization respiratory system		not determined		

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity	not determined			
Subchronic Toxicity	not determined			
Chronic Toxicity	not determined			

	Value	Species	Method	Validation
Mutagenicity				No experimental information on genotoxicity in vitro available.
Reproduction-Toxicity	not determined			
Carcinogenicity	not determined			
Specific target organ toxicity (single exposure)	No data available			
Specific target organ toxicity (repeated exposure)	No data available			
Aspiration hazard	No data available			
Additional information	The declarations of toxicology refer to main component.			

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 > 100 mg/l (96 h)	Pimephales promelas		
Daphnia	EC50 > 100 g/l (48 h)	Daphnia magna		
Algae	not determined			
Bacteria	not determined			

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	not determined			
Degradability	not determined			
Biological eliminability	not determined			
Degradability according to WRMG	not determined			

12.3. Bioaccumulative potential

No specific test data available. No indications of critical characteristics.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Behaviour in sewage plant

Obtain approval of the relevant authorities before discharging into sewage treatment plants.

Respiration inhibition of activated sludge

	Value	Method	Remark
EC 50	not determined		

Additional ecological information

	Value	Method	Remark
OC	not determined		
COD	not determined		
BOD	not determined		
AOX	not applicable		

Contains following heavy metals and compounds of the 76/464/EWG

no

General regulation

Do not allow uncontrolled leakage of product into the environment.
The information to ecology refers to active substance.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

07 02 08*

Name of waste

other still bottoms and reaction residues

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

Marine transport IMDG

No dangerous goods as defined by these transport regulations.

Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

SECTION 15: Regulatory information

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

National regulations

Other regulations, restrictions and prohibition regulations

MAL-Code: 00-3 (Denmark)

Water hazard class 1 Mixture-WGK

15.2. Chemical Safety Assessment

No information available.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

H302 Harmful if swallowed.

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

1.1. Product identifier

Name of product PUR-O-RIP B-Komponente

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

No information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor TPH Bausysteme GmbH
Nordportbogen 8, D-22848 Norderstedt
Phone +49 (0)40 / 52 90 66 78-0, Fax +49 (0)40 / 52 90 66 78-78
E-Mail info@tph-bausysteme.com
Internet www.tph-bausysteme.com

Advice Research & Development
E-mail (competent person):
j.guenther@tph-bausysteme.com

1.4. Emergency telephone number

Emergency advice
Phone +49 (0)40 / 52 90 66 78-52

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Acute Tox. 4	H332	
Skin Irrit. 2	H315	
Eye Irrit. 2	H319	
Resp. Sens. 1	H334	
Skin Sens. 1	H317	
Carc. 2	H351	
STOT SE 3	H335	
STOT RE 2	H373	

Hazard statements for health hazards

H315	Causes skin irritation.
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.

Additional hints

This mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS07



GHS08

Signal word

Danger

Hazard statements for health hazards

H315	Causes skin irritation.
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.

Precautionary Statements

Prevention

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation wear respiratory protection.

Response

P302 + P352	BEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/Seife waschen.
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.

Hazardous ingredients for labeling

4,4'-methylenediphenyl diisocyanate, Diphenylmethane diisocyanate, isomers and homologues, o-(p-isocyanatobenzyl)phenyl isocyanate

Special rules for supplemental label elements for certain mixtures

Contains isocyanates. May produce an allergic reaction.

2.3. Other hazards

No information available.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
101-68-8	202-966-0	4,4'-methylenediphenyl diisocyanate	35 - 50	Carc. 2, H351 / Acute Tox. 4, H332 / STOT RE 2, H373 / Eye Irrit. 2, H319 / STOT SE 3, H335 / Skin Irrit. 2, H315 / Resp. Sens. 1, H334 / Skin Sens. 1, H317

Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
5873-54-1	227-534-9	o-(p-isocyanatobenzyl)phenyl isocyanate	35 - 50	Carc. 2, H351 / Acute Tox. 4, H332 / STOT RE 2, H373 / Eye Irrit. 2, H319 / STOT SE 3, H335 / Skin Irrit. 2, H315 / Resp. Sens. 1, H334 / Skin Sens. 1, H317
9016-87-9		Diphenylmethane diisocyanate, isomers and homologues	10 - 20	Acute Tox.4, H332 / Skin. Irrit.2, H315 / Eye Irrit. 2, H319 / Resp. Sens. 1, H334 / Skin. Sens. 1, H317 / Carc. 2, H351 / STOT SE 3, H335 / STOT RE 2, H373

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of inhalation

Ensure of fresh air.

Seek medical treatment immediately.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

Rinse out mouth thoroughly with water.

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

Physician's information / possible symptoms

The following symptoms may occur:

Coughing

Asthmatic complaints

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam

Dry powder

Gaseous fire-extinguishing substance

Carbon dioxide

Unsuitable extinguishing media
water

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

In the event of fire the following can be released:

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Hydrogen cyanide (HCN)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal protection by wearing close-fitting protective clothing and breathing apparatus.

High risk of slipping due to leakage/spillage of product.

6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand).

Do not take up with sawdust or other combustible materials.

After taking up the material dispose according to regulation.

Additional Information

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

No special measures necessary if used correctly.

Take the usual precautions when handling with chemicals.

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink and smoke.
Remove soiled or soaked clothing immediately.
Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in closed original container.
Do not use containers, leads, pipes a.s.o. of copper or copper-containing alloys.
Use steel or stainless steel containers.

Advice on storage compatibility

Keep away from water.

Further information on storage conditions

Store closed container at cool and aired place.
Protect from frost.
Protect from atmospheric moisture and water

Storage group 10

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Hand protection

Synthetic rubber gloves
PVC gloves

Eye protection

tightly fitting goggles

Other protection measures

protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

dark brown

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not applicable				
Acid number	not applicable				
boiling range	> 300 °C				
melting point	not determined				
Flash point	184 °C			closed cup	
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	> 600 °C				
Lower explosion limit	not applicable				
Upper explosion limit	not applicable				
Vapour pressure	not determined				
Relative density	ca. 1,21 g/cm ³	23 °C		DIN EN ISO 2811-1	
Bulk density	not applicable				
Vapour density	8,5				
Solubility in water					Reacts with water
Solubility/other			not determined		
Partition coefficient n-octanol/water (log P O/W)	not applicable				
Decomposition temperature	not determined				
Viscosity dynamic	ca. 30 mPa*s	23 °C		DIN EN ISO 2555	
Solvent separation test	not determined				
Solvent content	0 %				

	Value	Temperature	at	Method	Remark
Water content	0 %				
Solids content	not applicable				
Combustion value	not applicable				
Oxidising properties no					
Explosive properties no					
9.2. Other information no					

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Reaction with water, with formation of carbon dioxide.
Reactions with alcohols, amines, aqueous acids and alkalies.

10.5. Incompatible materials

Substances to avoid

Reactions with acids.
Reactions with water.
Reactions with alcohols.
Reactions with alkalies.
Reactions with amines.

10.6. Hazardous decomposition products

Carbon monoxide
Carbon dioxide
HCN
Nitrous oxides (NO_x)
Hydrocarbons

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 5000 mg/kg	rat		
LD50 acute dermal	> 9400 mg/kg	rabbit		
LC50 acute inhalation	0,49 mg/l (4 h)	rat		
Skin irritation		not determined		
Eye irritation		not determined		
Skin sensitization	non-sensitizing	Guinea pig	OECD 406	
Sensitization respiratory system	sensitizing	Guinea pig	No official guidelines	

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity	not determined			
Subchronic Toxicity	not determined			
Chronic Toxicity	NOEC dusts and mist 0,2 mg/m3 Combined Chronic Toxicity / Carcinogenic Studies		OECD 453	
Mutagenicity	OECD 474 Mammalian Erythrocyte Micronucleus Test		OECD 474	not mutagenic
Reproduction-Toxicity	NOAEL 12 mg/m3 Prenatal Developmental Toxicity Study	rat	OECD 414	
Carcinogenicity	Combined Chronic Toxicity / Carcinogenic Studies	rat	OECD 453	positive

Specific target organ toxicity (single exposure)

No data available

Specific target organ toxicity (repeated exposure)

No data available

Aspiration hazard

No data available

Toxicity test (Additional information)

no

Experiences made from practice

Sensitization through inhalation possible.

Sensitization through skin contact possible.

Irritates respiratory tract.

Irritates eyes and skin.

Additional information

The declarations of toxicology refer to main component.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 > 1000 mg/l (96 h)		OECD 203	
Daphnia	EC50 > 1000 mg/l (48 h)		OECD 202	
Algae	not determined			
Bacteria	EC50 > 100 mg/l (3 h)		OECD 209	

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	0 % (28 d)		OECD 302 C	
Degradability	not determined			
Biological eliminability	not determined			
Degradability according to WRMG	not determined			

12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No data available

Behaviour in sewage plant
not determined

Respiration inhibition of activated sludge

	Value	Method	Remark
EC 50	not determined		

Additional ecological information

	Value	Method	Remark
OC	not determined		
COD	not determined		
BOD	not determined		
AOX	The product contains organically bound halogen in accordance with the formulation. It can contribute to the adsorbable organic halogen value in the effluent from sewage treatment plants.		

Contains following heavy metals and compounds of the 76/464/EWG
no

General regulation

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.
The information to ecology refers to main component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.	Name of waste
08 05 01*	waste isocyanates
16 03 05*	organic wastes containing hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

In accordance with regulations for special waste, must be taken to a special waste disposal.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-

	ADR/RID	IMDG	IATA-DGR
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user No information available.			
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.			
Land and inland navigation transport ADR/RID No dangerous goods as defined by these transport regulations.			
Marine transport IMDG No dangerous goods as defined by these transport regulations.			
Air transport ICAO/IATA-DGR No dangerous goods as defined by these transport regulations.			
Transport/further information No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.			

SECTION 15: Regulatory information

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

National regulations

Other regulations, restrictions and prohibition regulations

Work medicine Principles G27: "Isocyanate"

ZH 1/34 "Data Sheet: Polyurethane manufacture / Isocyanate (M 044)"

ZH 1/118 "Working with health hazard substances (for the workers) (M 050)"

MAL-Code: 00-5 (Denmark)

Water hazard class 1 Mixture-WGK

Decree for case of interference/remarks Accident decree, addendum II: not named.

15.2. Chemical Safety Assessment

No information available.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

- H315 Causes skin irritation.
- 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 (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
- H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).