

Version number 41



Revision: 17.11.2015

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

· 1.1 Product identifier

· Trade name Pur MC30 B-comp

· Utilization of the substance of the formulation: Hardener for polyols for the production of polyurethanes

- 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · Application for the substance / the preparation Curing agent for polyols to prepare polyurethanes
- Uses advised against Not suitable for use in do-it-yourself applications.

 $\cdot$  1.3 Details of the supplier of the safety data sheet

• Manufacturer/Supplier: Vosscemie-Benelux bvba Mechelsesteenweg 303 B-2500 Lier Tel. +32 (0)3 489 28 28 Fax. +32 (0)3 488 19 27 e-mail: info@vosschemie-benelux.com

· Further information obtainable from: environment protection department

· 1.4 Emergency telephone number:

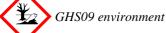
phone : +32 (0)70 245 245

### SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

GHS08 health hazard

<b>•</b>	
Resp. Sens. 1	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Carc. 2	H351 Suspected of causing cancer.
STOT RE 2	H373 May cause damage to organs through prolonged or repeated exposure.



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

# GHS07

Acute Tox. 4	H332 Harmful if inhaled.
Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.
STOT SE 3	H335 May cause respiratory irritation.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

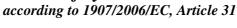
*The product is classified and labelled according to the CLP regulation.* • *Hazard pictograms* 



(Contd. on page 2)

<sup>-</sup> GB

Safety data sheet



Printing date 15.12.2015

Version number 41



Revision: 17.11.2015

Trade name Pur MC30 B-comp

Signal word	(Contd. of page 1)
0	
	rmining components of labelling:
	l-methane diisocyanate. oligomeric
Hazard state	
H332 Harmf	
	s skin irritation.
	s serious eye irritation.
	ause allergy or asthma symptoms or breathing difficulties if inhaled.
	ause an allergic skin reaction.
H351 Suspec	cted of causing cancer.
	ause respiratory irritation.
H373 May c	ause damage to organs through prolonged or repeated exposure.
H411 Toxic	to aquatic life with long lasting effects.
Precautiona	ry statements
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P284	[In case of inadequate ventilation] wear respiratory protection.
P305+P351	+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, i
	present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Additional in	nformation:
Contains iso	cyanates. May produce an allergic reaction.
2.3 Other ha	
	does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds of
formaldehyd	
	BT and vPvB assessment
<b>PBT:</b> Not ap	
vPvB: Not a	

## SECTION 3: Composition/information on ingredients

· 3.1 Chemical characterization: Substance

#### · CAS No. Description

- 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues
- · Identification number(s) 9016-87-9
- · 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

<ul> <li>Dangerous components:</li> </ul>		
	4,4'-diphenyl-methane diisocyanate. oligomeric	75 - 100%
Reg.nr.: 01-2119457013-49	<ul> <li>Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373;</li> <li>Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335</li> </ul>	
	alkylated aromatic hydrocarbon	2,5-5,0%
EINECS: 254-052-6	🚸 Asp. Tox. 1, H304; 🚸 Aquatic Chronic 1, H410	
Reg.nr.: 01-2119565150-48	· · · · ·	
Addition of informations For	the wording of the listed hazand physics refer to section 16	

• Additional information: For the wording of the listed hazard phrases refer to section 16.

#### **SECTION 4:** First aid measures

• 4.1 Description of first aid measures

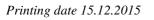
· General information:

Immediately remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest provide artificial respiration.

(Contd. on page 3)

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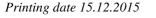
Version number 41



Revision: 17.11.2015

#### Trade name Pur MC30 B-comp

(Carth stars)
(Contd. of page 2) Involve doctor immediately.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48
hours after the accident.
· After inhalation:
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
• After skin contact: In contact with the skin preferably with cleaners based
Polyethylene wash or clean with plenty of hot water and soap. In reactions of
Skin doctor immediately.
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
· After eye contact:
Protect unharmed eye.
Rinse opened eye for several minutes under running water. Then consult a doctor.
• After swallowing:
Do not induce vomiting; call for medical help immediately. Seek immediate medical advice.
If swallowed, rinse mouth with water (only if the person is conscious).
• <b>4.2 Most important symptoms and effects, both acute and delayed</b> No further relevant information available.
$\cdot$ 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.
SECTION 5: Firefighting measures
5.1 Extinguishing media
• Suitable extinguishing agents: Extinguishing powder. Do not use water.
• For safety reasons unsuitable extinguishing agents: Water • 5.2 Special hazards arising from the substance or mixture
In case of fire, formation of carbon monoxide, nitrogen oxide, isocyanate vapour, and traces of hydrogen
cyanide is possible. Fireman have to wear self-contained breathing apparatus. Do not let enter contaminated
extinguishing water into the soil, groundwater or surface waters.
5.3 Advice for firefighters
· Protective equipment:
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
Wear fully protective suit.
• Additional information Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
SECTION 6: Accidental release measures
· 6.1 Personal precautions, protective equipment and emergency procedures
Avoid contact with eyes and skin.
Wear protective equipment. Keep unprotected persons away.
Keep people at a distance and stay on the windward side.
• 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
· 6.3 Methods and material for containment and cleaning up:
• 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
• 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.
• 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
• 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.
<ul> <li>6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.</li> <li>6.4 Reference to other sections</li> </ul>



Version number 41



Revision: 17.11.2015

Trade name Pur MC30 B-comp

See Section 13 for disposal information.

**SECTION 7: Handling and storage** 

(Contd. of page 3)

#### · 7.1 Precautions for safe handling At workplaces, or plant parts on which isocyanate aerosols and / or vapors in higher concentrations can occur (eg, pressure relief, mold venting, Cleaning mixing heads with compressed air) must be replaced by air suction exceeding the occupational exposure limits to be prevented. The air should be of the people carried away. The effectiveness of the equipment must be checked periodically. Noted in Chapter 8 exposure limits to be monitored. The personal protective measures described in Chapter 8 are observed. contact avoid with skin and eyes and inhalation of vapors necessarily. Keep away from foodstuffs, drinks and tobacco. Before breaks and at end of work Wash and apply skin cream. Store work clothes separately. contaminated, Take off immediately all contaminated clothing. The protective measures necessary when dealing with isocyanates must be observed. Avoid contact with skin and eyes and inhalation of vapors. Open and handle receptacle with care. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. · Information about fire - and explosion protection: Protect against electrostatic charges. Keep ignition sources away - Do not smoke. · 7.2 Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles: Keep container tightly closed and dry and storage in a good ventilated room. Storage temperature: 15 - 25 °C. · Information about storage in one common storage facility: Store away from foodstuffs. Store away from water. • Further information about storage conditions: Protect from humidity and water. Protect from frost. Keep container tightly sealed. • Storage class: 10 · 7.3 Specific end use(s) No further relevant information available. **SECTION 8: Exposure controls/personal protection** · Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

25686-28-6 4,4'-diphenyl-methane diisocyanate. oligomeric

MAK (Germany) Short-term value: 0.05 mg/m<sup>3</sup> Long-term value: 0,05 mg/m<sup>3</sup>

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Personal protective equipment:

• General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

(Contd. on page 5)

GB

Printing date 15.12.2015

\*

Version number 41



Revision: 17.11.2015

#### Trade name Pur MC30 B-comp

Immediately remove all soll			
Wash hands before breaks a	ed and contaminated clothing		
Avoid contact with the eyes			
Respiratory protection:			
Type A filter against organi In case of hypersensitivity of	apparatus with a gas mask. The respirators used for protection can be used with ic vapors, where powder or aerosol is present at least with the A / P2 filter. If the respiratory tract and skin (asthma, chronic bronchitis, chronic skin disease) the product. Symptoms in the respiratory tract can also occur several hours after 3-point program) required		
Protective glove	S		
	e impermeable and resistant to the product/ the substance/ the preparation. ommendation to the glove material can be given for the product/ the preparation		
Selection of the glove model degradation	tterial on consideration of the penetration times, rates of diffusion and th		
and varies from manufactur			
Penetration time of glove n Suitable materials for prote			
	skness > = 0.5 mm, breakthrough time > = 480 min.		
NBR - NBR: thickness> = 0.35 mm, Breakthrough time> = 480 min.			
	Butyl rubber - IIR: thickness> = $0.5 \text{ mm}$ , breakthrough time> = $480 \text{ min}$ .		
Butyl rubber - IIR: thickne.	ss > = 0.5 mm, breakthrough time $> = 480 min$ .		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th	ss > = 0.5 mm, breakthrough time $> = 480 min$ . ickness $> = 0.4 mm$ ; breakthrough time $> = 480 min$ .		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th Recommendation: Dispose	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough tim observed.	ss > = 0.5 mm, breakthrough time $> = 480 min$ . ickness $> = 0.4 mm$ ; breakthrough time $> = 480 min$ .		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough tim observed.	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves he has to be found out by the manufacturer of the protective gloves and has to b		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough tim observed. Eye protection:	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b be poggles		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b be poggles		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b poggles e work clothing and chemical properties		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical 9.1 Information on basic participant	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b poggles work clothing		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical 9.1 Information on basic part General Information Appearance:	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b oggles e work clothing and chemical properties hysical and chemical properties		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical 9.1 Information on basic part General Information Appearance: Form:	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b oggles e work clothing and chemical properties hysical and chemical properties Fluid		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical 9.1 Information on basic part General Information Appearance:	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b oggles e work clothing and chemical properties hysical and chemical properties		
Butyl rubber - IIR: thickne. Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical 9.1 Information on basic part General Information Appearance: Form: Colour:	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b oggles e work clothing and chemical properties hysical and chemical properties Fluid Yellow Characteristic		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical 9.1 Information on basic p General Information Appearance: Form: Colour: Odour:	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves ie has to be found out by the manufacturer of the protective gloves and has to b oggles e work clothing and chemical properties hysical and chemical properties Fluid Yellow Characteristic nge: 41 °C		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical SECTION 9: Physical 9.1 Information on basic part General Information Appearance: Form: Colour: Odour: Change in condition Melting point/Melting rat	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves ie has to be found out by the manufacturer of the protective gloves and has to b oggles e work clothing and chemical properties hysical and chemical properties Fluid Yellow Characteristic nge: 41 °C		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed go Body protection: Protective SECTION 9: Physical SECTION 9: Physical 9.1 Information on basic part General Information Appearance: Form: Colour: Odour: Change in condition Melting point/Boiling ran	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves the has to be found out by the manufacturer of the protective gloves and has to b oggles e work clothing and chemical properties hysical and chemical properties Fluid Yellow Characteristic nge: 41 °C ige: 300 °C		
Butyl rubber - IIR: thickne, Fluorine rubber - FKM: th Recommendation: Dispose The exact break trough time observed. Eye protection: Tightly sealed ge Body protection: Protective SECTION 9: Physical 9.1 Information on basic part General Information Appearance: Form: Colour: Odour: Change in condition Melting point/Melting rate Boiling point/Boiling rate	ss> = 0.5 mm, breakthrough time> = 480 min. ickness> = 0.4 mm; breakthrough time> = 480 min. of contaminated gloves we has to be found out by the manufacturer of the protective gloves and has to b oggles work clothing and chemical properties hysical and chemical properties Fluid Yellow Characteristic nge: 41 °C ge: 300 °C 250 °C		



Revision: 17.11.2015

Printing date 15.12.2015

Version number 41

Trade name Pur MC30 B-comp

	(Cont	d. of page 5)
· Vapour pressure:	Not determined.	
· Density at 20 °C:	1,23 g/cm <sup>3</sup>	
· Solubility in / Miscibility with water:	reacts with water forming CO2, risk of bursting	
· Viscosity: Dynamic at 25 °C:	ca. 100 mPas	
<ul> <li>Solvent content:</li> <li>Organic solvents:</li> <li>9.2 Other information</li> </ul>	0,0 % No further relevant information available.	

#### SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions

Exothermic reaction with amines and alcohols; reacts with water forming C02, in closed containers risk of bursting owing to increase of pressure.

- · 10.4 Conditions to avoid Heat, flames and sparks.
- 10.5 Incompatible materials: water, alcohol, amine, base and acid
- Incompatible with oxidizing agents, acids
- 10.6 Hazardous decomposition products: Hydrogen cyanide (prussic acid)

#### SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity

Harmful if inhaled.

### · LD/LC50 values relevant for classification:

#### 25686-28-6 4,4'-diphenyl-methane diisocyanate. oligomeric

	, ,	5
Oral	LD50	> 5000 mg/kg (Ratte)
Dermal	LD50	>9400 mg/kg (Kaninchen) (OECD Prüfrichtlinie 402)
Inhalative	LC 50 / 1h	>2.24 mg/l (Ratte)
38640-62-	9 alkylated o	aromatic hydrocarbon
Oral	LD50	> 4000 mg/kg (Ratte)
Orai	LDJU	> Tooo mgrag (nunc)
		~170 mg/kg (Ratte)

Dermal	LD50	>4000 mg/kg (Ratte)
Inhalative	LC50/4 h	> 5.6 mg/l (Ratte)

· Primary irritant effect:

- Skin corrosion/irritation Causes skin irritation.
- Serious eye damage/irritation
- Causes serious eye irritation.
- · Respiratory or skin sensitisation
- May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity
- Suspected of causing cancer.

(Contd. on page 7)

Printing date 15.12.2015

Version number 41



Revision: 17.11.2015

(Contd. of page 6)

Trade name Pur MC30 B-comp

- Reproductive toxicity Based on available data, the classification criteria are not met.
- · 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.

#### **SECTION 12: Ecological information**

· 12.1 Toxicity	
• Aquatic toxic	rity:
25686-28-64	1,4'-diphenyl-methane diisocyanate. oligomeric
LC50 (96 h)	> 1000 mg/l (F)
	>1000 mg/l (Danio Rerio)
EC50 (72 h)	> 100 mg/l (B)
	> 1000 mg/l (D)
EC50 (24h)	>1000 mg/l (Daphnia Magna)
EC50(3h)	>100 mg/l (sludge)
38640-62-9 a	lkylated aromatic hydrocarbon
LC0(96h)	0.5 mg/l (fish)
EC0 (48h)	0.16 mg/l (D)
LL50 (48h)	1.7 mg/L (D)
EC0 (72h)	0.15 mg/l (A)
NOEC (21d)	0.013 μg/l (D)
· 12.2 Persiste	nce and degradability No further relevant information available.

- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- Additional ecological information:

#### · General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

#### **SECTION 13: Disposal considerations**

- · 13.1 Waste treatment methods
- · Recommendation
- Must be specially treated adhering to official regulations.
- Must not be disposed together with household garbage. Do not allow product to reach sewage system. No Sewage disposal shall.
- European waste catalogue 08 05 01\* Isocyanatabfälle

(Contd. on page 8)

GB

Version number 41



Revision: 17.11.2015

(Contd. of page 7)

Trade name Pur MC30 B-comp

Printing date 15.12.2015

· Uncleaned packaging:

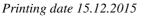
· Recommendation:

The empty containers may not be disposed of unless the adhesive to the container walls Been removed.

Disposal according to official regulations

#### **SECTION 14: Transport information** · 14.1 UN-Number · ADR, ADN Void · IMDG, IATA UN3082 · 14.2 UN proper shipping name · ADR, ADN Void · IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkylated aromatic hydrocarbon), MARINE POLLUTANT Environmentally hazardous substance, liquid, n.o.s. ·IATA · 14.3 Transport hazard class(es) · ADR, ADN · Class Void · IMDG, IATA · Class 9 Miscellaneous dangerous substances and articles. Q · Label · 14.4 Packing group Void · ADR Ш · IMDG, IATA · 14.5 Environmental hazards: Product contains environmentally hazardous substances: alkylated aromatic hydrocarbon · Marine pollutant: Yes Symbol (fish and tree) Symbol (fish and tree) · Special marking (IATA): · 14.6 Special precautions for user Not applicable. · EMS Number: F-A, S-F· Stowage Category A · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. · Transport/Additional information: · IMDG $\cdot$ Limited quantities (LQ) 5L· Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml · UN "Model Regulation": Void GB

(Contd. on page 9)



\*

Version number 41



Revision: 17.11.2015

Trade name Pur MC30 B-comp

(Contd. of page 8)

· 15.1 Safety. h	15: Regulatory information ealth and environmental regulations/legislation specific for the substance or mixture
	ording to Regulation (EC) No 1272/2008
	s classified and labelled according to the CLP regulation.
· Hazard pictog	grams
$\wedge$	
GHS07 G	HS08 GHS09
· Signal word 1	Danger
· Hazard-deter	mining components of labelling:
4,4'-diphenyl-	methane diisocyanate. oligomeric
· Hazard staten	
H332 Harmfu	
	skin irritation.
	serious eye irritation.
	use allergy or asthma symptoms or breathing difficulties if inhaled. use an allergic skin reaction.
	ed of causing cancer.
	use respiratory irritation.
	use damage to organs through prolonged or repeated exposure.
	aquatic life with long lasting effects.
· Precautionar	
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P284	[In case of inadequate ventilation] wear respiratory protection.
P305+P351+	P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
P321	present and easy to do. Continue rinsing. Specific treatment (see on this label).
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international
	regulations.
· Directive 201.	2/18/EU
	<b>rous substances - ANNEX I</b> None of the ingredients is listed.
	bry E2 Hazardous to the Aquatic Environment
	<i>uantity (tonnes) for the application of lower-tier requirements 200 t</i> <i>uantity (tonnes) for the application of upper-tier requirements 500 t</i>
· National regu	ulations:
· Waterhazard	class: Water hazard class 3 (Self-assessment): extremely hazardous for water.
	Il safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

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.

H332 Harmful if inhaled.

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

H335 May cause respiratory irritation.

(Contd. on page 10)

<sup>-</sup> GB



Revision: 17.11.2015

Printing date 15.12.2015

Version number 41

#### Trade name Pur MC30 B-comp

	(Contd. of page
H351 Suspected of causing cancer.	
H373 May cause damage to organs through prolonged or repeated exposure.	
H410 Very toxic to aquatic life with long lasting effects.	
Department issuing MSDS: environment protection department	
Abbreviations and acronyms:	
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (. International Transport of Dangerous Goods by Rail)	Regulations Concerning the
ICAO: International Civil Aviation Organisation	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement o Carriage of Dangerous Goods by Road)	concerning the International
IMDG: International Maritime Code for Dangerous Goods	
IATA: International Air Transport Association	
GHS: Globally Harmonised System of Classification and Labelling of Chemicals	
EINECS: European Inventory of Existing Commercial Chemical Substances	
ELINCS: European List of Notified Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
Acute Tox. 4: Acute toxicity, Hazard Category 4	
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2	
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2	
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1	
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1	
Carc. 2: Carcinogenicity, Hazard Category 2	
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3	
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2	
Asp. Tox. 1: Aspiration hazard, Hazard Category 1	
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1	
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2	
* Data compared to the previous version altered.	