



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## TyrFil Flex<sup>MDI</sup> ISO

Print date: 14.03.2016

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

#### 1.1. Product identifier

TyrFil Flex<sup>MDI</sup> ISO

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

##### Use of the substance/mixture

Polyurethane castable elastomer component B for tyrefilling.

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Accella Tyre Fill Systems GmbH	
Street:	Bünnerhelfstr. 19	
Place:	D-44379 Dortmund	
Telephone:	+49 (0)231 53467981	Telefax: +49 (0)231 534 679 - 115
e-mail:	trhde@accella-tyrefill.com	

#### 1.4. Emergency telephone number:

+1 (703) 527 - 38 87

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Resp. Sens. 1

Respiratory or skin sensitisation: Skin Sens. 1

Carcinogenicity: Carc. 1B

Reproductive toxicity: Repr. 2

Reproductive toxicity: Lact.

Specific target organ toxicity - repeated exposure: STOT RE 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

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

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

May cause cancer.

Suspected of damaging the unborn child.

May cause harm to breast-fed children.

Causes damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Extracts (petroleum), light paraffinic distillate solvent

Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distr.

4,4'-Methylenediphenyl diisocyanate, oligomers

Extracts (petroleum), light paraffinic distillate solvent

alkanes, C14-17, chloro; chlorinated paraffins, C14-17

Formaldehyde, oligomeric reaction products with aniline and phosgene

**Signal word:** Danger



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### Pictograms:



### Hazard statements

H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H350	May cause cancer.
H361d	Suspected of damaging the unborn child.
H362	May cause harm to breast-fed children.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

### Precautionary statements

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P308+P313	IF exposed or concerned: Get medical advice/attention.

### Special labelling of certain mixtures

EUH204	Contains isocyanates. May produce an allergic reaction. Restricted to professional users.
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### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures



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### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent			25 - < 50 %
	265-104-2	649-003-00-4		
	Carc. 1B, Repr. 2, STOT RE 1, Aquatic Chronic 2; H350 H361d H372 H411 EUH066			
68478-13-7	Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distn.			10 - < 25 %
	270-792-2	649-025-00-4		
	Carc. 1B, Aquatic Chronic 2; H350 H411			
25686-28-6	4,4'-Methylenediphenyl diisocyanate, oligomers			10 - < 25 %
	500-040-3		01-2119457013-49	
	Carc. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2; H351 H332 H315 H319 H334 H317 H335 H373			
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent			5 - < 10 %
	265-104-2	649-003-00-4		
	Carc. 1B, Repr. 2, STOT RE 1, Aquatic Chronic 3; H350 H361d H372 H412 EUH066			
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17			5 - < 10 %
	287-477-0	602-095-00-X	01-2119519269-33	
	Lact., Aquatic Acute 1, Aquatic Chronic 1; H362 H400 H410 EUH066			
32055-14-4	Formaldehyde, oligomeric reaction products with aniline and phosgene			0.1 - < 1 %
	500-079-6		01-2119457024-46	
	Carc. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2; H351 H332 H315 H319 H334 H317 H335 H373			

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

#### After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Induce vomiting when the affected person is not unconscious. Medical treatment necessary.

### 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

Treat symptomatically.

## SECTION 5: Firefighting measures



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#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

#### **5.2. Special hazards arising from the substance or mixture**

Non-flammable.

In case of fire: Formation of:

Nitrogen oxides (NO<sub>x</sub>), Sulphur dioxide (SO<sub>2</sub>), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide.

#### **5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

#### **Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

Use personal protection equipment.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

storage temperature: 20°C

##### **Advice on storage compatibility**

Keep away from: Oxidising agent, strong

#### **7.3. Specific end use(s)**

Polyurethane castable elastomer component B for tyrefilling.

### **SECTION 8: Exposure controls/personal protection**

#### **8.1. Control parameters**



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#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
7783-06-4	Hydrogen sulphide	5	7		TWA (8 h)	WEL
		10	14		STEL (15 min)	WEL
-	Isocyanates, all (as -NCO) Except methyl isocyanate	-	0.02		TWA (8 h)	WEL
		-	0.07		STEL (15 min)	WEL

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent			
Worker DNEL, long-term		dermal	systemic	1 mg/kg bw/day
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17			
Worker DNEL, long-term		inhalation	systemic	6,7 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	47,9 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	2 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	28,75 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,58 mg/kg bw/day

#### PNEC values

CAS No	Substance	Value
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17	
Freshwater		0,001 mg/l
Marine water		0,002 mg/l
Freshwater sediment		13 mg/kg
Marine sediment		2,6 mg/kg

#### 8.2. Exposure controls



##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

##### Eye/face protection

Suitable eye protection: goggles.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four



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control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material:

NBR (Nitrile rubber), e.g. type Tricotril, article nr. 736 from KCL ([www.kcl.de](http://www.kcl.de)).

CR (polychloroprene, chloroprene rubber), e.g. Camapren, article nr. 720 from KCL ([www.kcl.de](http://www.kcl.de)).

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	brown
Odour:	like: Mineral oil

#### Test method

pH-Value:	not determined
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#### Changes in the physical state

Melting point:	-25 °C
Initial boiling point and boiling range:	not determined
Flash point:	> 150 °C

#### Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	> 240 °C

#### Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined

#### Oxidizing properties

Not oxidizing.

Vapour pressure:	not determined
Density:	1,025 - 1,045 g/cm <sup>3</sup>
Water solubility:	insoluble

#### Solubility in other solvents

Soluble in: Ketone; Alcohol; Hydrocarbons, aliphatic

Partition coefficient:	not determined
Viscosity / dynamic:	450 - 750 mPa·s
Vapour density:	not determined
Evaporation rate:	not determined
Solvent content:	25 - 35 %, water: < 0,05 %



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#### **9.2. Other information**

Solid content:

not determined

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

#### **10.2. Chemical stability**

Danger of polymerisation.

#### **10.3. Possibility of hazardous reactions**

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

#### **10.4. Conditions to avoid**

Keep away from heat.

#### **10.5. Incompatible materials**

Keep away from: Radical former, Peroxide, Reducing agent.

#### **10.6. Hazardous decomposition products**

Hydrogen cyanide (hydrocyanic acid).

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

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



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CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent				
	oral	LD50	> 5000 mg/kg	Rat	Manufacturer
	dermal	LD50	> 3000 mg/kg	Rabbit	Manufacturer
	inhalative (4 h) aerosol	LC50	> 5 mg/l	Rat	Manufacturer
25686-28-6	4,4'-Methylenediphenyl diisocyanate, oligomers				
	oral	LD50	> 5000 mg/kg	Rat	OECD 425
	dermal	LD50	> 9400 mg/kg	Rabbit	OECD 402
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent				
	oral	LD50	> 5000 mg/kg	Rat	OECD 401
	dermal	LD50	> 3000 mg/kg	Rabbit	OECD 402
	inhalative (4 h) aerosol	LC50	> 5 mg/l	Rat	OECD 403
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17				
	oral	LD50	> 4000 mg/kg	Rat	IUCLID
	inhalative (1 h) vapour	LC50	48 mg/l	Rat	IUCLID
32055-14-4	Formaldehyde, oligomeric reaction products with aniline and phosgene				
	oral	LD50	> 10000 mg/kg	Rat	OECD 401
	dermal	LD50	> 9400 mg/kg	Rabbit	OECD 402
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		

#### Irritation and corrosivity

Causes serious eye irritation.  
Causes skin irritation.

#### Sensitising effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled. (4,4'-Methylenediphenyl diisocyanate, oligomers), (Formaldehyde, oligomeric reaction products with aniline and phosgene)  
May cause an allergic skin reaction. (4,4'-Methylenediphenyl diisocyanate, oligomers), (Formaldehyde, oligomeric reaction products with aniline and phosgene)

#### STOT-single exposure

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

#### Severe effects after repeated or prolonged exposure

Causes damage to organs through prolonged or repeated exposure. (Extracts (petroleum), light paraffinic distillate solvent), (Extracts (petroleum), light paraffinic distillate solvent)

#### Carcinogenic/mutagenic/toxic effects for reproduction

May cause cancer. (Extracts (petroleum), light paraffinic distillate solvent), (Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distn.), (Extracts (petroleum), light paraffinic distillate solvent)  
Suspected of damaging the unborn child. (Extracts (petroleum), light paraffinic distillate solvent), (Extracts (petroleum), light paraffinic distillate solvent)  
May cause harm to breast-fed children. (alkanes, C14-17, chloro; chlorinated paraffins, C14-17)

#### Aspiration hazard

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





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## SECTION 12: Ecological information

### 12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent					
	Acute fish toxicity	LC50	> 1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	Manufacturer
	Acute algae toxicity	ErC50	18,8 mg/l	72 h	Selenastrum capricornutum	Manufacturer
	Acute crustacea toxicity	EC50	35,9 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer
25686-28-6	4,4'-Methylenediphenyl diisocyanate, oligomers					
	Acute fish toxicity	LC50	> 3000 mg/l	96 h	Oryzias latipes (Ricefish)	IUCLID
	Acute algae toxicity	ErC50	> 1640 mg/l	72 h	Desmodesmus subspicatus.	OECD 201
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent					
	Acute fish toxicity	LC50	> 1000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203
	Acute algae toxicity	ErC50	18,8 mg/l	72 h	Selenastrum capricornutum	OECD 201
	Acute crustacea toxicity	EC50	35,9 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17					
	Acute algae toxicity	ErC50	> 3,2 mg/l	96 h	Selenastrum capricornutum	OECD 201
32055-14-4	Formaldehyde, oligomeric reaction products with aniline and phosgene					
	Acute fish toxicity	LC50	> 3000 mg/l	96 h	Oryzias latipes (Ricefish)	IUCLID
	Acute algae toxicity	ErC50	> 1640 mg/l	72 h	Desmodesmus subspicatus.	OECD 201

### 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent			
	EU Method C.4-E	0	28	ECHA
	Poorly biodegradable.			
25686-28-6	4,4'-Methylenediphenyl diisocyanate, oligomers			
	OECD 302 C	0%	28	
	Not readily biodegradable (according to OECD criteria) (			
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent			
	OECD 301D/ EEC 92/69/V, C.4-E	0%	28	
	Not readily biodegradable (according to OECD criteria)			
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17			
	OECD 301D/ EEC 92/69/V, C.4-E	64%	28	
	Readily biodegradable (according to OECD criteria).			
32055-14-4	Formaldehyde, oligomeric reaction products with aniline and phosgene			
	OECD 302 C	0%	28	
	Not readily biodegradable (according to OECD criteria) (			



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#### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64742-05-8	Extracts (petroleum), light paraffinic distillate solvent	> = 4

#### BCF

CAS No	Chemical name	BCF	Species	Source
25686-28-6	4,4'-Methylenediphenyl diisocyanate, oligomers	92-200	Cyprinus carpio (Common Carp)	OECD 305 E
85535-85-9	alkanes, C14-17, chloro; chlorinated paraffins, C14-17	3050 - 6660	Oncorhynchus mykiss (Rainbow trout)	OECD 305
32055-14-4	Formaldehyde, oligomeric reaction products with aniline and phosgene	92-200	Cyprinus carpio (Common Carp)	OECD 305 E

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

#### 12.6. Other adverse effects

No information available.

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

##### Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.1. UN number:

UN 3082

##### 14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distn.)

##### 14.3. Transport hazard class(es):

9

##### 14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 601

Limited quantity:

5 L

Transport category:

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Hazard No: 90  
Tunnel restriction code: E

**Other applicable information (land transport)**

Excepted quantity: E1

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distn.)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
 Hazard label: 9



Classification code: M6  
Special Provisions: 274 335 601  
Limited quantity: 5 L

**Other applicable information (inland waterways transport)**

Excepted quantity: E1

**Marine transport (IMDG)**

**14.1. UN number:** UN 3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distn.)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
 Hazard label: 9



Special Provisions: 274, 335  
Limited quantity: 5 L  
EmS: F-A, S-F

**Other applicable information (marine transport)**

Excepted quantity: E1

**Air transport (ICAO)**

**14.1. UN number:** UN 3082  
**14.2. UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distn.)  
**14.3. Transport hazard class(es):** 9  
**14.4. Packing group:** III  
 Hazard label: 9



Special Provisions: A97 A158



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Limited quantity Passenger:	30 kg G	
IATA-packing instructions - Passenger:		964
IATA-max. quantity - Passenger:		450 L
IATA-packing instructions - Cargo:		964
IATA-max. quantity - Cargo:		450 L

#### Other applicable information (air transport)

Excepted quantity: E1  
Passenger-LQ: Y964

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: Heavy Fuel oil, Residues (petroleum), catalytic reformer fractionator residue distn.

#### 14.6. Special precautions for user

No information available.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 3 - highly water contaminating  
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,7,12,13,14,15.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized 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  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

#### Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.



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H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H350	May cause cancer.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H362	May cause harm to breast-fed children.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH204	Contains isocyanates. May produce an allergic reaction.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*