

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

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

#### 1.1. Product identifier

**Trade name:** PUR Catalyst 0610 84150

#### Article no

Article no	Description
061084150	

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

**Recommended uses:** Isocyanate catalyst.

**Inadvisable uses:** The product is recommended for only the above described uses.

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

##### Supplier

**Company:** Esbjerg Farve- & Lakfabrik A/S

**Address:** Energivej 13

**Zip code:** DK-6700 Esbjerg

**Country:** DENMARK

**E-mail:** info@esbjergpaints.dk

**Phone:** 0045 75 12 86 00

**Fax:** 0045 75 45 33 68

**Homepage:** www.esbjergpaints.dk

#### 1.4. Emergency Telephone Number

GB: +44 1215074123 (Advice and guidance ) (Around the clock)

### SECTION 2: Hazards identification

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

**CLP-classification:** Flam. Liq. 3;H226 Skin Irrit. 2;H315 Skin Sens. 1;H317 Acute Tox. 4;H332 STOT SE 3;H335

**Most serious harmful effects:** Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Harmful if inhaled. May cause respiratory irritation.

#### 2.2. Label elements

##### Pictograms



# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

**Signal word:** Warning

### Contains

**Substance:** Hexametylen-1,6-diisocyanat homopolymer; Xylene

### H-phrases

H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.

### P-phrases

P302/352 IF ON SKIN: Wash with plenty of soap and water.  
 P304/340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P333/313 If skin irritation or rash occurs: Get medical advice/attention.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P280 Wear protective gloves.  
 P261 Avoid breathing vapours.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.

### Supplemental information

EUH204 Contains isocyanates. May produce an allergic reaction.

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Hexametylen-1,6-diisocyanat homopolymer	28182-81-2			50 - 60%		Skin Sens. 1;H317 Acute Tox. 4;H332 STOT SE 3;H335
2-methoxy-1-methylethyl acetate	108-65-6	203-603-9	01-2119475791-29	10 - 25%		Flam. Liq. 3;H226
n-butyl acetate	123-86-4	204-658-1		2.5 - 10%		Flam. Liq. 3;H226 STOT SE 3;H336
Xylene	1330-20-7	215-535-7	01-2119488216-32	2.5 - 10%		Flam. Liq. 3;H226 Acute Tox. 4;H312 Skin Irrit. 2;H315 Acute Tox. 4;H332
ethylbenzene	100-41-4	202-849-4		< 2.5%		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Acute Tox. 4;H332 STOT RE 2;H373
hexamethylene-di-isocyanate	822-06-0	212-485-8	01-2119457571-37	< 0.5%		Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Irrit. 2;H319 Acute Tox. 3;H331 Resp. Sens. 1;H334 STOT SE 3;H335

Please see section 16 for the full text of H-phrases.

## SECTION 4: First aid measures

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

### 4.1. Description of first aid measures

<b>Inhalation:</b>	If patient feels unwell move to fresh air and keep under surveillance. If the victim is unconscious, ascertain whether the victim is breathing. If breathing has stopped, apply artificial respiration. If the victim is unconscious but breathing, place in the recovery position and keep warm with blankets. Call for medical attention or ambulance.
<b>Ingestion:</b>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention immediately!
<b>Skin contact:</b>	Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Do not use solvents.
<b>Eye contact:</b>	Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
<b>General:</b>	If in doubt, seek medical advice. Also see para. 1

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

Pain in the eyes, redness, tears, swollen eyelids, itching Headache, dizziness, drowsiness and nausea.

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

Seek medical advice in case of discomfort. Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Fire can be extinguished with carbon dioxide, powder, foam or water spray.
<b>Unsuitable extinguishing media:</b>	Do not use a direct water jet that could spread the fire.

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

Fire will produce carbon monoxide, carbon dioxide, nitrogen oxides, isocyanate vapors and traces of hydrogen cyanide.

### 5.3. Advice for fire-fighters

Cool closed containers with water. Fire will produce a thick black smoke. Products of combustion are harmful and respiratory protection is required.

## SECTION 6: Accidental release measures

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

<b>For non-emergency personnel:</b>	Avoid inhalation of vapours. Remove all ignition sources and ensure sufficient ventilation.
<b>For emergency responders:</b>	Use nitrile protection gloves and self-contained breathing apparatus.

### 6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

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

Prevent major quantities of spillage from being discharged into the sewage system or water by banking the spillage with sand or the like and collecting it. Clean the contaminated area with a suitable cleaning agent, but do not use solvent.

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

### 6.4. Reference to other sections

Also see item 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

The product may be charged electrostatically. Always use underground wire when transferring from one container to another. Personnel should wear antistatic shoes and clothing. Floors should be conductive. Do not use tools which may produce sparks. Avoid contact with eyes and skin. Avoid inhaling vapors and spray mists. Vapors may form explosive mixtures with air. Prevent the formation of flammable or explosive mixtures. Do not use this material near naked flames or any other ignition source. Electrical installations must be protected according to regulations.

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

The product must be kept away from children. Store in a tightly closed container and in accordance with the current regulations in a dry and well-ventilated place away from food. Keep away from ignition sources, oxidizing agents and strong acidic and basic substances. No smoking and use of open fire. No admittance to unauthorized persons. Opened containers must be carefully closed and stored upright to prevent any leakage.

### 7.3. Specific end use(s)

Applications is mentioned in item 1.2.

**Other Information:** Smoking and the consumption of food and drink are not permitted in work rooms. Personal protective equipment: Refer to section 8.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit

Substance name	Time period	ppm	mg/m3	Comment	Remarks
2-methoxy-1-methylethyl acetate	8h	50	274		Sk
2-methoxy-1-methylethyl acetate	15m	100	548		Sk
Xylene	8h	50	220		BMGV, Sk
Xylene	15m	100	441		BMGV, Sk
n-butyl acetate	8h	150	724		
n-butyl acetate	15m	200	966		
ethylbenzene	8h	100	441		Sk
ethylbenzene	15m	125	552		Sk

BMGV = Biological monitoring may be appropriate and Biological Monitoring Guidance Value is listed in Table 3 (Occupational Exposure Limits)

Sk = Can be absorbed through skin

**Legal basis:** EH40/2005 Workplace exposure limits incl. supplement from October 2007.

### PNEC

Hexametylen-1,6-diisocyanat homopolymer				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater	0,127 - 0,199 mg/l			
Marine water	0,0127 - 0,0199 mg/l			
Freshwater - sediment	44551 mg/kg			
Marine water - sediment	4455 mg/kg			

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

	266700 mg/kg			
--	--------------	--	--	--

2-methoxy-1-methylethyl acetate				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater	0,635 mg/l			
Marine water	0,0635 mg/l			
Freshwater - sediment	3,29 mg/kg			
Soil	0,29 mg/kg			
Marine water - sediment	0,329 mg/kg			

Xylene				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater	0,327 mg/l			
Marine water	0,327 mg/l			
Freshwater - sediment	12,46 mg/kg			
Marine water - sediment	12,46 mg/kg			
Soil	2,31 mg/kg			

n-butyl acetate				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater - sediment	0,981 mg/kg			
Marine water - sediment	0,0981 mg/kg			
Soil	0,0903 mg/kg			
Marine water	0,018 mg/l			
Freshwater	0,18 mg/l			

ethylbenzene				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Freshwater	0,1 mg/l			
Marine water	0,01 mg/l			
Freshwater - sediment	13,7 mg/kg			
Soil	2,68 mg/kg			

hexamethylene-di-isocyanate				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
Marine water	0,00774 mg/l			
Marine water - sediment	0,001344 mg/kg			
Soil	0,0026 mg/kg			
Freshwater - sediment	0,01334 mg/kg			
Freshwater	0,0774 mg/l			

### DNEL - workers

Hexametylen-1,6-diisocyanat homopolymer					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	0,5 mg/m <sup>3</sup>	Long-term exposure		Local effects	
Inhalation	1 mg/m <sup>3</sup>	Acute / short-term exposure		Local effects	

2-methoxy-1-methylethyl acetate					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	275 mg/m <sup>3</sup>	Long-term exposure		Systemic effects	
Dermal	153,5 mg/kg bw/day	Long-term exposure		Systemic effects	

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

Xylene					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	289 mg/m <sup>3</sup>	Acute / short-term exposure		Systemic effects	
Inhalation	289 mg/m <sup>3</sup>	Acute / short-term exposure		Local effects	
Dermal	180 mg/kg bw/day	Long-term exposure		Systemic effects	
Inhalation	77 mg/m <sup>3</sup>	Long-term exposure		Systemic effects	

n-butyl acetate					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	960 mg/m <sup>3</sup>	Acute / short-term exposure		Local effects	
Inhalation	480 mg/m <sup>3</sup>	Long-term exposure		Systemic effects	
Inhalation	960 mg/m <sup>3</sup>	Acute / short-term exposure		Systemic effects	

ethylbenzene					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal	180 mg/kg bw/day	Long-term exposure		Systemic effects	
Inhalation	77 mg/m <sup>3</sup>	Long-term exposure		Systemic effects	
Inhalation	293 mg/m <sup>3</sup>	Acute / short-term exposure		Local effects	

hexamethylene-di-isocyanate					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation	0,035 mg/m <sup>3</sup>	Long-term exposure		Systemic effects	
Inhalation	0,035 mg/m <sup>3</sup>	Long-term exposure		Local effects	
Inhalation	0,07 mg/m <sup>3</sup>	Acute / short-term exposure		Systemic effects	
Inhalation	0,07 mg/m <sup>3</sup>	Acute / short-term exposure		Local effects	

**Biological threshold values:** See above.

**Other Information:** See above.

### 8.2. Exposure controls

**Appropriate engineering controls:** All work must be planned with a view to limit the breathing of fumes and the exposure to the skin. Work under effective process ventilation (e.g. local exhaust ventilation). If this is not possible, use respiratory protection.

**Personal protective equipment, eye/face protection:** Use suitable protective goggles or full face mask for protection against splashes.

**Personal protective equipment, skin protection:** If possible, wear special work clothes. When spraying wear coveralls.

**Personal protective equipment, hand protection:** Use nitrile protection gloves. A 15-mil thickness glove provides a one-hour breakthrough-time. Follow the glove manufacturer's recommendations on use and replacement.

**Personal protective equipment, respiratory protection:** Use compressed-air full face mask.

**Environmental exposure controls:** It must be ensured that local regulations for discharge are met.

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

### SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Liquid
Colour	Yellowish.
Odour	Odour of organic solvent.
Solubility	Soluble in: Organic solvents.
Explosive properties	See explosive limits
Oxidising properties	No information available

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	> 23 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	0.50 - 8	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

#### 9.2 Other information

Parameter	Value/unit	Remarks
Density	1.08 g/ml	
Fire class	II-1	
Weight % organic solvents	30	
VOC	315g/l	

**Other Information:** Solubility in water: Insoluble in water. Fat solubility: irrelevant

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

See below.

#### 10.2. Chemical stability

Stable under recommended storage and handling conditions.  
Curing time: 2 days at 20 ° C.

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

### 10.3. Possibility of hazardous reactions

Ignitable at temperatures above the flash point. The fumes can ignite by e.g. a spark, a warm surface or a glow. The fumes can mix to explosive mixtures with air. At room temperature the fumes are more heavily than air and can spread along the floor.

### 10.4. Conditions to avoid

Stable at normal temperature. When exposed to high temperatures, toxic decomposition products may be formed.

### 10.5. Incompatible materials

To prevent heat-generating reactions, keep the product away from oxidizing agents and strong acidic and basic substances.

### 10.6. Hazardous decomposition products

carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### Hexametylen-1,6-diisocyanat homopolymer

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000mg/kg			

##### 2-methoxy-1-methylethyl acetate

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	LD50		> 5000mg/kg			

#### Xylene

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000mg/kg			

#### n-butyl acetate

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		4700mg/kg			

Ingestion of large quantities may cause gastrointestinal disorders.

#### Acute toxicity - dermal

##### Hexametylen-1,6-diisocyanat homopolymer

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000mg/kg			

##### 2-methoxy-1-methylethyl acetate

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2000mg/kg			

#### Xylene

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		3200 mg/kg			



# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

### hexamethylene-di-isocyanate

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 7000mg/kg			

Organic solvents have a degreasing effect on the skin. Organic solvents may be absorbed through skin. Isocyanates may cause allergic (contact) eczema. Remove contamination immediately by skin contact.

### Acute toxicity - inhalation

#### Hexametylen-1,6-diisocyanat homopolymer

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	0.554mg/l		OECD 403	

### Xylene

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	21.7 mg/l			

### hexamethylene-di-isocyanate

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4 h	124ml/m <sup>3</sup>			

Products containing isocyanates can cause acute irritation, coughing and breathing difficulties. In the longer term inhalation cause asthma, for sensitizing people even when exposed to low concentrations. Repeated inhalation may cause permanent damage to the respiratory passages. Inhalation of vapors may cause symptoms of poisoning such as memory and concentration difficulties, abnormal tiredness, irritability and, in extreme cases, unconsciousness. Prolonged and repeated inhalation of high concentrations may cause damage to liver, kidneys, brain and nervous system.

**Skin corrosion/irritation:** Prolonged or repeated skin contact will degrease skin and may cause irritation.

**Serious eye damage/eye irritation:** Splashing into eyes may cause smarting/irritation.

**Germ cell mutagenicity:** Would not be expected germ cell mutagen

**Carcinogenic properties:** No data.

**Reproductive toxicity:** Would not be expected to be a reproductive toxicant.

**Single STOT exposure:** May cause respiratory irritation.

**Repeated STOT exposure:** No data

**Aspiration hazard:** Test data are not available.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Hexametylen-1,6-diisocyanat homopolymer

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute fish	Danio rerio	96 h	LC50	> 100mg/l			
Acute daphnia	Daphnia magna	48 h		> 100mg/l			
Acute algae	Scenedesmus subspicatus	72 h	ErC50	> 100mg/l			

#### 2-methoxy-1-methylethyl acetate

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute daphnia	Daphnia magna	48 h	EC50	> 500mg/l			
	Invertebrates		NOEC	> 100mg/l			
Acute fish	Oncorhynchus mykiss	96 h	LC50	113mg/l		OECD 203	

### Xylene

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute algae	Pseudokirchneriella subcapitata	72 h	EC50	2.2mg/l		OECD 201	
Acute Daphnia	Daphnia magna	24 h	IC50	1mg/l		OECD 202	
Acute fish	Oncorhynchus mykiss	96 h	LC50	2.6mg/l		OECD 203	

### n-butyl acetate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute algae		72 h	EC50	6477mg/l			
Acute daphnia	Daphnia magna	48 h	EC50	44mg/l			

### ethylbenzene

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute daphnia	Daphnia magna	48 h	EC50	290mg/l			
Acute fish	Cyprinodon variegatus	96 h	LC50	88mg/l			

### hexamethylene-di-isocyanate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Acute daphnia	Daphnia magna	48 h	EC50	> 891mg/l		#Not translated#	
Acute algae	Desmodesmus subspicatus	72 h	IC50	> 774mg/l		#Not translated#	
Acute fish	Danio rerio	96 h	LC50	> 828mg/l		#Not translated#	

## 12.2. Persistence and degradability

### n-butyl acetate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
		28 d	BOD	98%		BOD:ThOD	

No information available

## 12.3. Bioaccumulative potential

### Hexametylen-1,6-diisocyanat homopolymer

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			BCF	32			

### 2-methoxy-1-methylethyl acetate

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	~ 43			

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

No information available

### 12.4. Mobility in soil

The product is insoluble in water and will spread out on the surface.

### 12.5. Results of PBT and vPvB assessment

No information available

### 12.6. Other adverse effects

No information available

### Other Information

Do not dispose of this product in drains, watercourses, or on the ground.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water.

Product residues are classified as chemical waste.

Category of waste: Waste-code: 08 01 11

## SECTION 14: Transport information

### Land transport (ADR/RID)

<b>14.1. UN-No.:</b>	1263	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	PAINT RELATED MATERIAL	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	3		
<b>Hazard label(s):</b>	3		
<b>Hazard identification number:</b>	30	<b>Tunnel restriction code:</b>	D/E
<b>Other Information:</b>			

### Inland water ways transport (ADN)

<b>14.1. UN-No.:</b>	1263	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	PAINT RELATED MATERIAL	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	3		
<b>Hazard label(s):</b>	3		
<b>Environmentally hazardous in tank vessels:</b>		<b>Other Information:</b>	

### Sea transport (IMDG)

<b>14.1. UN-No.:</b>	1263	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	PAINT RELATED MATERIAL	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	3	<b>Environmental Hazardous Substance Name(s):</b>	
<b>Hazard label(s):</b>	3		

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

**EmS:** F-E, S-E **IMDG Code segregation group:** - None -

**Other Information:**

**Air transport (ICAO-TI / IATA-DGR)**

<b>14.1. UN-No.:</b>	1263	<b>14.4. Packing group:</b>	III
<b>14.2. UN proper shipping name:</b>	PAINT RELATED MATERIAL	<b>14.5. Environmental hazards:</b>	
<b>14.3. Transport hazard class(es):</b>	3	<b>Other Information:</b>	
<b>Hazard label(s):</b>	3		

**14.6. Special precautions for user**

Irrelevant.

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

Irrelevant.

### SECTION 15: Regulatory information

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

**Special Provisions:**

**Authorisations / limitations:**

**15.2. Chemical Safety Assessment**

**Other Information:** Chemical safety assessment has not been performed.

### SECTION 16: Other information

**Version history and indication of changes**

Version	Revision date	Responsible	Changes
6.0.0	22-11-2012	GK	REACH datasheet
7.0.0	12-03-2013	GK	2, 3
8.0.0	24-01-2014	GK	2, 8, 10, 13, 15, 16
9.0.0	01-05-2014	GK	2
10.0.0	19-01-2015	GK	2
11.0.0	27-10-2016	GK	2, 4, 9, 11. 13

**Abbreviations:** DNEL: Derived No Effect Level. PNEC: Predicted No Effect Concentration.

**References to literature and data sources:** REACH: REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals. DPD: Directive of the European Parliament and of the Council concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations. CLP: REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures.

# Safety Data Sheet

## PUR Catalyst 0610 84150

Replaces date: 19-01-2015

Revision date: 27-10-2016

**Other Information:** The information in this Material Safety Data Sheet is based upon our knowledge and on European Union legislation. The user's working conditions are outside our control. It is the responsibility of the users to fulfil the requirements set by National Legislation. The information is no guarantee of the properties of the product. The Material Safety Data Sheet may only be reproduced with the permission of the manufacturer.

**Training advice:** The instructions in this Material Safety Data Sheet are given on the assumption that the product is used as stated in item 1. Restrictions of use and special training requirements must also be complied with. The information in this Material Safety Data Sheet should be regarded as a description of the safety issues concerning the product.

### List of relevant H-statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.

**Document language:** GB