

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## THR200

SUBID : 000001011970

Version 1

Print Date 11.12.2012

Revision Date 10.12.2012

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Identification of the substance or mixture:

Product name : THR200  
REACH Registration No : Registration numbers of the individual components: see section 3.2, if applicable.

#### 1.2 Use of the substance/mixture:

Identified relevant uses : Offset plate developer solution  
Uses advised against : Do not use for products which come into direct contact with food stuffs. Only for professional use.

#### 1.3 Company/undertaking identification

Agfa-Gevaert Ltd.  
Vantage West  
Great West Road  
Brentford, Middlesex TW8 9AX  
United Kingdom  
Tel. : +44 (0)20 8 231 4616  
Fax : +44 (0)20 8 231 4951  
Person responsible for the safety data sheet: Jos Vanholzaets  
E-mail: electronic.sds@agfa.com

#### 1.4 Emergency telephone

Emergency telephone number (Belgium) : +32 3 4443333 (24h/24h)

### 2. HAZARDS IDENTIFICATION

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

Regulation(EC) No 1272/2008 (CLP)	
• Hazard classes	Skin irritation
Hazard categories	Category 2
Hazard statements	H315
Classification procedure	According the classification criteria of CLP Regulation (EC) No 1272/2008.
• Hazard classes	Serious eye damage
Hazard categories	Category 1
Hazard statements	H318
Classification procedure	According the classification criteria of CLP Regulation (EC) No 1272/2008.

67/548/EEC or 1999/45/EC	
Hazards characteristics	Irritant
R-phrases(s)	R36/38

Full text of each relevant R and H phrase is listed in section 16.

#### 2.2 Label elements:

Hazardous components which must be listed on the label :

- CAS-No. : 10213-79-3 Disodium metasilicate.5aq

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Symbol(s)



GHS05

Signal word	: DANGER	
Hazard statements	: H318	Causes serious eye damage.
	: H315	Causes skin irritation.
Precautionary statements: prevention	: P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements: response	: P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.
	: P310	Immediately call a POISON CENTER or doctor/physician.
	: P332+P313	If skin irritation occurs: Get medical advice/attention.
	: P362	Take off contaminated clothing and wash before re-use.

### 2.3 Other hazards:

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixture related information:

Aqueous offset plate developer solution, mainly consisting of:

### 3.2 Hazard ingredients:

The hazard and labelling information in this section is that of the individual ingredients. The corresponding information relative to this product as supplied is given in section 2.1.

#### Hazardous components in the meaning of regulation(EC) No 1272/2008 (CLP)

- Disodium metasilicate.5aq Concentration [%] : 1.0 - 5.0  
CAS-No. : 10213-79-3  
REACH Registration No : 01-2119449811-37-0004  
Hazard classes : Corrosive to metals., Skin corrosion, Serious eye damage, Specific target organ toxicity - single exposure  
Hazard categories : Category 1, Category 1B, Category 1, Category 3  
Hazard statements : H290, H314, H318, H335
- Sodium octanoate Concentration [%] : 1.0 - 5.0  
CAS-No. : 1984-06-1  
EINECS-No. : 217-850-5  
REACH Registration No : Transition time according to REACH regulation article 23 is still not expired.  
Hazard classes : Serious eye irritation, Skin irritation, Specific target organ toxicity - single exposure  
Hazard categories : Category 2, Category 2, Category 3

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Hazard statements	: H319, H315, H335	Concentration [%] :	0.1 - 0.5
• Sodium hydroxide			
CAS-No.	: 1310-73-2		
Index-No.	: 011-002-00-6		
EINECS-No.	: 215-185-5		
REACH Registration No	: 01-2119457892-27		
Hazard classes	: Skin corrosion, Serious eye damage		
Hazard categories	: Category 1A, Category 1		
Hazard statements	: H314, H318		

### Hazardous components in the meaning of 67/548/EEC or 1999/45/EC

• Disodium metasilicate.5aq		Concentration [%] :	1.0 - 5.0
CAS-No.	: 10213-79-3		
Symbol(s)	: C		
R-phrases(s)	: R34, R37		
• Sodium octanoate		Concentration [%] :	1.0 - 5.0
CAS-No.	: 1984-06-1		
EINECS-No.	: 217-850-5		
Symbol(s)	: Xi		
R-phrases(s)	: R36/37/38		
• Sodium hydroxide		Concentration [%] :	0.1 - 0.5
CAS-No.	: 1310-73-2		
Index-No.	: 011-002-00-6		
EINECS-No.	: 215-185-5		
Symbol(s)	: C		
R-phrases(s)	: R35		

### Components with a community workplace exposure limit

- Sodium hydroxide

### 3.3 Remark:

Full text of each relevant R and H phrase is listed in section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

Eye contact	: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact	: Wash immediately with plenty of water and soap. If symptoms persist, seek medical advice.
Ingestion	: Rinse mouth with plenty of water. Seek medical advice.
Inhalation	: Take person to fresh air. If necessary, seek medical advice.

### 4.2 Most important symptoms and effects:

Symptoms	: In case of eye contact: redness and pain.
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### 4.3 Indication of immediate medical attention and special treatment needed:

General advice	: Consult a physician for severe cases.
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### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media : All extinguishing media are suitable.  
Extinguishing media which must not be used for safety reasons : Not applicable.

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

Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.  
Further information : Product is not combustible.

#### 5.3 Advice for fire-fighters:

### 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions : See section : Exposure controls / personel protection. Cleanup personnel must use appropriate personal protective equipment.  
Additional advice : Wash away residues with plenty of water.

#### 6.2 Environmental precautions:

Environmental precautions : For waste disposal see section 13. Do not allow material to contaminate ground water system. Prevent product from entering drains.

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

Methods for cleaning up : Dike the spill if necessary. Soak up with absorbent material. Collect large spills into a properly labelled and sealable container. Prevent release into the drain, soil or surface water.

#### 6.4 Reference to other sections:

For waste disposal see section 13.  
For personal protection see section 8.

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.Prevent product from diffusing.  
Hygiene measures : Observe normal precautions when handling chemicals.Keep away from foodstuffs, drinks and tobacco.Avoid contact with skin and eyes.When using do not eat or drink.Emergency showers and eye wash stations should be available.  
Advice on protection against fire and explosion : No special protective measures against fire and explosion required.

#### 7.2 Conditions for safe storage:

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- Requirements for storage areas and containers : Keep container tightly closed. Protect from direct sunlight. Protect against light. Store in cool place. Prevent product from diffusing.
- Further information on storage conditions : Store in a cool area. Store in a dry area. Keep container in a well-ventilated place.
- Advice on common storage : Store away from strong acids.

### 7.3 Specific end use:

This substance is used only by trained professionals under restricted conditions.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

#### 8.1.1 Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

##### 8.1.1.1 Occupational exposure limits:

#### Air limit values

- Sodium hydroxide

CAS-No.: 1310-73-2

Basis	Revision Date	Value	Type
EH40 WEL	2005	2 mg/m <sup>3</sup>	STEL

#### Biological limit values

We are not aware of any national exposure limit.

##### 8.1.1.2 Additional exposure limits under the conditions of use:

No other exposure limits applicable.

##### 8.1.1.3 DNEL/DMEL and PNEC-values:

#### DNEL

No Chemical Safety Report performed. No DNEL/DMEL value determined.

#### PNEC

No Chemical Safety Report performed. No PNEC value determined.

### 8.2 Exposure controls:

#### Occupational exposure controls:

##### ➤ Instructual measures to prevent exposure:

Employees should wash their hands and face before eating, drinking, or using tobacco products. Keep away from foodstuffs, drinks and tobacco.

##### ➤ Technical measures to prevent exposure:

Ensure adequate ventilation.

##### ➤ Personal measures to prevent exposure:

Hand protection : Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the

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materials: butyl rubber (thickness  $\geq$  0.36 mm, breakthrough time  $>$  480 min), nitrile rubber (thickness  $\geq$  0.38 mm, breakthrough time  $>$  480 min) or neoprene (thickness  $\geq$  0.65 mm, breakthrough time  $>$  240 min). For intermittent splash protection corresponding gloves with breakthrough times  $>$  60 min can be used. Avoid gloves made of: natural latex.

Eye protection : Safety goggles. EN 166.  
Body Protection : Safety clothes.  
Personal protective equipment : Prevent product from diffusing. Observe normal precautions when handling chemicals.

### Environmental exposure controls:

Effluent regulations/discharge/treatment/contents may vary from one area to another. Please consult the local regulations regarding the disposal of this material. Do not release into drain. Collect for removal by a licensed waste contractor.

EU Directive	Status
European Directive 2000/60/EC (water)	not on list
European Directive 1996/62/EC (air)	not on list

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties:

#### 9.1.1 Appearance:

State of matter : Liquid  
Form : Liquid.  
Colour : Colourless.  
Odour : Odourless.  
Odour threshold : No data available

#### 9.1.2 Important health, safety and environmental information:

pH (25 °C) :  $>$  13 Method: Literature.  
Melting point/range :  $<$  0 °C Method: Literature.  
Boiling point/range :  $>$  100 °C Method: Literature.  
Flash point :  $>$  93.33 °C Method: Literature.

Not combustible.  
Autoignition temperature : Not applicable  
Vapour pressure : No data available  
Relative vapour density : Not applicable  
Relative density (20 °C) : 1.067 Method: Literature.  
Solubility/qualitative : Miscible with water at all ratios.  
Viscosity, dynamic : No data available  
Viscosity, kinematic : No data available  
Lower explosion limit : Not applicable  
Upper explosion limit : Not applicable  
Evaporation rate : Almost no evaporation (20°C).  
Flammability (solid, gas) : Not applicable

### 9.2 Other information:

VOC content : 0 %

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### 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity:

Reactivity : Reactivity is not to be expected under normal conditions of temperature and pressure

#### 10.2 Chemical stability:

Stability : The product is stable under normal conditions of storage and use.

#### 10.3 Possibility of hazardous reactions:

Hazardous reactions : Reacts with strong acids.

#### 10.4 Conditions to avoid:

Conditions to avoid : Avoid contact with strong acids. Remove all chemicals and rinse the processing tanks thoroughly with water before using any cleansing products.

#### 10.5 Materials to avoid:

Materials to avoid : Not applicable

#### 10.6 Hazardous decomposition products:

Hazardous decomposition products : None

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

##### Toxicokinetics, metabolism and distribution:

- Disodium metasilicate.5aq  
No data available

- Sodium octanoate  
No data available

- Sodium hydroxide  
No data available

##### Acute effects (toxicity tests):

###### ➤ Acute Toxicity

- Disodium metasilicate.5aq

	Effect dose	Species	Value	Method
Acute oral toxicity	LD50	rat	1,152 to 1,349 mg/kg	Literature.
Acute dermal toxicity	LD50	rat	> 5,000 mg/kg	Literature.
Acute inhalation toxicity	LC50	rat	> 2.06 mg/l	Literature.

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- Sodium octanoate

	Effect dose	Species	Value	Method
Acute oral toxicity	No data available			
Acute dermal toxicity	No data available			
Acute inhalation toxicity	No data available			

- Sodium hydroxide

	Effect dose	Species	Value	Method
Acute oral toxicity	LDL0	rabbit	500 mg/kg	Literature.
Acute dermal toxicity	Based on available data, the classification criteria are not met.			
Acute inhalation toxicity	No data available			

➤ **Specific target organ toxicity (STOT):**

- Disodium metasilicate.5aq

Specific effects	Affected organs
Irritating to respiratory system.	

- Sodium octanoate

Specific effects	Affected organs
No data available	

- Sodium hydroxide

Specific effects	Affected organs
No data available	

➤ **Irritant and corrosive effects:**

	Exposure time	Species	Evaluation	Method
Primary irritation to the skin		rabbit	Irritating to skin.	OECD Test Guideline 404
Irritation to eyes		rabbit	Risk of serious damage to eyes.	OECD Test Guideline 405

➤ **Irritation to the respiratory tract:**

- Disodium metasilicate.5aq

No data available

- Sodium octanoate

No data available

- Sodium hydroxide

May cause irritation of respiratory tract. Based on available data, the classification criteria are not met.

➤ **Sensitisation:**

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- Disodium metasilicate.5aq

Species	Evaluation	Method
	Did not cause allergic reactions when tested with humans.	Literature.

- Sodium octanoate

Species	Evaluation	Method
	No data available	

- Sodium hydroxide

Species	Evaluation	Method
	Did not cause sensitization on laboratory animals.	Literature.

➤ **Aspiration hazard:**

- Disodium metasilicate.5aq

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

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

**Sub-acute, sub-chronic and chronic toxicity**

➤ **Repeated dose toxicity:**

- Disodium metasilicate.5aq

Irritating to respiratory system.

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

➤ **Specific target organ toxicity (STOT):**

- Disodium metasilicate.5aq

- Sodium octanoate

No information available.

- Sodium hydroxide

Repeated exposure	Specific effects	Affected organs
	Skin contact may be damaged by eczema. The dust may affect the upper and lower airways, causing inflammation and impaired lung function. Erosion of the teeth may occur.	

➤ **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**

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### - Carcinogenicity

- Disodium metasilicate.5aq

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

- Sodium octanoate

No carcinogenic effects observed at the doses tested.

- Sodium hydroxide

No data available

### - Mutagenicity

- Disodium metasilicate.5aq

There is no evidence for mutagenicity from studies in animals.

- Sodium octanoate

There is no evidence for mutagenicity from studies in animals.

- Sodium hydroxide

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

### - Genetic toxicity in vitro

- Disodium metasilicate.5aq

Type	Test system	Concentration	Result
	Method: Literature. Based on available data, the classification criteria are not met.		

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

### - Genetic toxicity in vivo

- Disodium metasilicate.5aq

Route of exposure	Species	Exposure time	Result
	Method: Literature. Based on available data, the classification criteria are not met.		

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

### - Teratogenicity

- Disodium metasilicate.5aq

No data available

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

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### - Toxicity to reproduction

- Disodium metasilicate.5aq

Route of exposure	Species	Exposure time
	rat	
	Method: Literature. Based on available data, the classification criteria are not met.	
	mouse	
	Method: Literature. Based on available data, the classification criteria are not met.	

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

### > Summarised evaluation of the CMR properties:

- Disodium metasilicate.5aq

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

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

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

Toxicity to reproduction : No data available

- Sodium octanoate

Carcinogenicity : Animal testing did not show any carcinogenic effects.

Mutagenicity : Did not show mutagenic effects in animal experiments.

Teratogenicity : No data available

Toxicity to reproduction : No data available

- Sodium hydroxide

Carcinogenicity : No data available

Mutagenicity : Did not show mutagenic effects in animal experiments.

Teratogenicity : No data available

Toxicity to reproduction : No data available

### Experiences made in practice:

- Disodium metasilicate.5aq

Corrosive.

- Sodium octanoate

No data available

- Sodium hydroxide

Causes severe burns.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

- Disodium metasilicate.5aq

	Effect dose	Exposure time	Species	Value
Toxicity to fish	LC50	96 h	Brachidanio rerio (zebra fish)	210 mg/l
	Method: Literature. Based on available data, the classification criteria are not met.			

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Toxicity to daphnia	EC50 48 h	Daphnia magna	1,700 mg/l
	Method: Literature. Based on available data, the classification criteria are not met.		
Toxicity to algae	EC50 72 h	Scenedesmus subspicatus (algae)	207 mg/l
	Method: Literature. Based on available data, the classification criteria are not met.		
Toxicity to bacteria	No data available		

- Sodium octanoate

	Effect dose	Exposure time	Species	Value
Toxicity to fish	No data available			
Toxicity to daphnia	No data available			
Toxicity to algae	No data available			
Toxicity to bacteria	No data available			

- Sodium hydroxide

	Effect dose	Exposure time	Species	Value
Toxicity to fish	LC50	48 h	Leuciscus idus (golden orfe)	> 133 mg/l
	Method: Literature. Based on available data, the classification criteria are not met.			
Toxicity to daphnia	EC50	48 h	Daphnia magna	> 100 mg/l
	Method: Literature. Based on available data, the classification criteria are not met.			
Toxicity to algae	No data available			
Toxicity to bacteria	No data available			

### 12.2 Persistence and degradability:

#### Physico-chemical removability

- Disodium metasilicate.5aq

No data available

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

#### Chemical Oxygen Demand (COD)

- Disodium metasilicate.5aq

No data available

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

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### Adsorbed organic bound halogens (AOX)

- Disodium metasilicate.5aq

Value	Method
	Literature. Product does not contain any organic halogens.

- Sodium octanoate

Product does not contain any organic halogens.

- Sodium hydroxide

Product does not contain any organic halogens.

### Biodegradation

- Disodium metasilicate.5aq

The methods for determining biodegradability are not applicable to inorganic substances.

- Sodium octanoate

No data available

- Sodium hydroxide

The methods for determining biodegradability are not applicable to inorganic substances.

### Biochemical Oxygen Demand (BOD)

- Disodium metasilicate.5aq

No data available

- Sodium octanoate

No data available

- Sodium hydroxide

No data available

### 12.3 Bioaccumulative potential:

#### Partition coefficient (n-octanol/water)

- Disodium metasilicate.5aq

- Sodium octanoate

- Sodium hydroxide

No data available

#### Bioconcentration factor (BCF)

- Disodium metasilicate.5aq

Value	Species	Method
	Bioaccumulation is unlikely.	Literature.

- Sodium octanoate

No data available

- Sodium hydroxide

Value	Species	Method
	Does not bioaccumulate.	Literature.

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### 12.4 Mobility in soil:

- Disodium metasilicate.5aq  
not applicable

- Sodium octanoate  
No information available.

- Sodium hydroxide  
No information available.

### Henry's constant

- Disodium metasilicate.5aq

Value	Temperature	Method
		No information available.

- Sodium octanoate

Value	Temperature	Method
		No information available.

- Sodium hydroxide

Value	Temperature	Method
		No information available.

### Transport between environmental compartments

- Disodium metasilicate.5aq  
Not applicable

- Sodium octanoate  
No data available

- Sodium hydroxide  
No data available

### 12.5 Results of PBT and vPvB assessment:

- Disodium metasilicate.5aq

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

- Sodium octanoate

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

- Sodium hydroxide

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

### 12.6 Other adverse effects:

This preparation does not contain any ingredient that is classified as hazardous to the environment according to European Directives and corresponding national legislation. This substance is not in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

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### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

##### Waste disposal methods

Environmental regulations, discharge of chemicals and washwater, waste treatment and disposal conditions of chemicals and their packaging may vary from one country to another. The relevant local regulations should be consulted. When this product or its contaminated packaging has to be removed as waste, contact an authorized waste contractor.

May be discharged to drain if local regulations permit.

##### Empty containers.

As the packaging can be contaminated with product residus, please observe the warnings of the label even when the container is empty. Do not reuse empty container without proper cleaning.

For waste resulting from this product, it is recommended to use European Waste Code : 09 01 02 (water-based offset plate developer solutions).

### 14. TRANSPORT INFORMATION

Not regulated according to ADR.

Not regulated according to ADNR.

Not regulated according to RID.

Not regulated according to IMO/IMDG.

Not regulated according to ICAO/IATA aircraft only.

Not regulated according to ICAO/IATA passenger and cargo aircraft.

### 15. REGULATORY INFORMATION

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

##### Authorisation and/or restriction on use

Authorisation : No

Restriction on use : Not listed on EU. REACH, Annex XVII, Restrictions on manufacture, placing on the market and use of certain dangerous substances, mixtures & articles (Reg 1907/2006/EC, as amended)

##### Other EU regulations

Does not fall under specific EU-Regulations.

#### 15.2 Chemical Safety Assessment

No Chemical Safety Report needed according REACH.

### 16. OTHER INFORMATION

Text of H-phrases referred to under headings 2 and 3:

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H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

### Text of R-phrases referred to under headings 2 and 3:

R34	Causes burns.
R35	Causes severe burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36/38	Irritating to eyes and skin.
R37	Irritating to respiratory system.

### Further information

This Safety Data Sheet is compiled in accordance with European Directives and corresponding national legislation.

The information disclosed in this Safety Data Sheet is believed to be correct to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other material or in any process, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management.

### Sources of key data used to compile the datasheet

### Abbreviations

ADR:	Accord européen relatif au transport international des marchandises Dangereuses par Route
ADNR:	Accord européen relatif au transport international des marchandises Dangereuses par la Rhin
AGW:	Arbeitsplatzgrenzwerte (GE)
ATEmix:	Acute toxicity estimate of the mixture
CLP:	Classification, Labelling and Packaging of substances and mixtures
CMR:	Carcinoge
DNEL:	Derived No Effect Level
EC0:	Effective Concentration 0%
EC5:	Effective Concentration 5%
EC10:	Effective Concentration 10%
EC50:	Median Effective Concentration
EC100:	Effective Concentration 100%
EH40 WEL:	Workplace Exposure Limit (UK)
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
IC50:	inhibitory concentration 50%
IMDG:	International Maritime Dangerous Goods
IMO:	International Maritime Organization
IUCLID:	International Uniform Chemical Information Database
LC50:	Lethal Concentration 50%
LC100:	Lethal Concentration 100%

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH Annex II)



## THR200

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LOAEL:	Lowest Observed Adverse Effect Level
LDL0	Lethal Dose (minimum found to be lethal)
LD50:	Lethal Dose 50%
MAC:	Maximaal Aanvaardbare Concentratie (NL)
MAK:	Maximale Arbeitsplatz-Konzentration
NOAEL:	No Observed Adverse Effect Level
NOEL:	No Observed Effect Level
NOEC:	No Observed Effect Concentration
OEL:	Occupational Exposure Limit
PBT:	Persistent, Bioaccumulative and Toxic substance
PNEC:	Predicted No Effect Concentration
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID:	Regulations concerning the International Transport of Dangerous Goods by Rail
STEL:	Short Term Exposure Limit
TLV:	Threshold Limit Value
TRGS900:	Arbeitsplatzgrenswerte (GE)
TWA:	Time Weighted Average
VOC:	Volatile Organic Compound
vPvB:	very Persistent and very Bioaccumulative substance