

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : FACONET X  
Type of product : Water-based dispersion / solution.

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

##### 1.2.1. Relevant identified uses

Main use category : SU3 Industrial uses: Uses of substances as such or in preparations\* at industrial sites, SU19 Building and construction work, SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
Industrial/Professional use spec : Industrial  
For professional use only  
Function or use category : PC35 Washing and cleaning products (including solvent based products), PROC7 Industrial spraying, PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non dedicated facilities, PROC8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities, PROC10 Roller application or brushing, PROC11 Non industrial spraying, ERC8d Wide dispersive outdoor use of processing aids in open systems

##### 1.2.2. Uses advised against

No additional information available

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

Rewah  
Nijverheidsweg 24  
B-2240 Zandhoven - Belgique-België  
T +32 (0)3 4751414 - F +32 (0)3 4751094  
[info@rewah.com](mailto:info@rewah.com)

#### 1.4. Emergency telephone number

Emergency number : +32 (0)70 245 245

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+ 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 [CLP]

Met. Corr. 1 H290  
Acute Tox. 4 (Inhalation:gas) H332  
Eye Irrit. 2 H319  
STOT RE 2 H373

Full text of hazard classes and H-statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

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### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

Contains

Hazard statements (CLP)

Precautionary statements (CLP)

EUH-statements

- : Warning
- : tetrasodium ethylene diamine tetraacetate
- : H290 - May be corrosive to metals.  
H319 - Causes serious eye irritation.  
H332 - Harmful if inhaled.  
H373 - May cause damage to organs through prolonged or repeated exposure.
- : P234 - Keep only in original packaging.  
P260 - Do not breathe vapours, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective clothing, eye protection, face protection, protective gloves.  
P390 - Absorb spillage to prevent material damage.  
P501 - Dispose of contents and container to Collection point.
- : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

### 2.3. Other hazards

Other hazards which do not result in classification : The product does not meet the PBT and vPvB classification criteria.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
tetrasodium ethylene diamine tetraacetate	(CAS-No.) 64-02-8 (EC-No.) 200-573-9 (EC Index-No.) 607-428-00-2 (REACH-no) 01-2119486762-27	5 – 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Dam. 1, H318 STOT RE 2, H373
Ammonium bicarbonate	(CAS-No.) 1066-33-7 (EC-No.) 213-911-5 (REACH-no) 01-2119486970-26	1 – 5	Acute Tox. 4 (Oral), H302
Isotridecyl alcohol polyoxyethylene ether	(CAS-No.) 69011-36-5	1 – 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	0.1 – 1	Skin Corr. 1A, H314

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
sodium hydroxide; caustic soda	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0.5 ≤C < 2) Eye Irrit. 2, H319 ( 0.5 ≤C < 2) Skin Irrit. 2, H315 ( 2 ≤C < 5) Skin Corr. 1B, H314 ( 5 ≤C < 100) Skin Corr. 1A, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	: Red skin.
Symptoms/effects after eye contact	: Causes serious eye damage.

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

Not required.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Preferably: water spray.
Unsuitable extinguishing media	: None, to our knowledge.

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

Explosion hazard	: Not applicable.
Reactivity in case of fire	: Not applicable.

### 5.3. Advice for firefighters

Precautionary measures fire	: Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: High temperature may liberate toxic gases.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing, gloves and eye/face protection.
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#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Restrict liquid from spreading over surface with floating screens if possible.

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

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Waste to eliminate according to chemical waste law.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands thoroughly after handling.

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

Storage conditions : Keep container closed when not in use.

Storage temperature : 5 – 30 °C

Storage area : Store away from freezing (avoid freezing during storage).

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

sodium hydroxide; caustic soda (1310-73-2)	
Belgium - Occupational Exposure Limits	
Local name	Sodium (hydroxyde de)
OEL TWA	2 mg/m <sup>3</sup>
Remark (BE)	M
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Good ventilation of the workplace required. Eyewash station. recommended neutralizing eye wash bottle.

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### 8.2.2. Personal protection equipment

#### Personal protective equipment:

The choice of the necessary personal protective equipment depends on the type to be carried out work and local conditions to be assessed by the employer. When in the context of an on-site risk assessment, it is established that there is no risk to employees, personal protective equipment can be disregarded, respectively adjusted accordingly. The following information regarding personal protective equipment is a recommendation.

#### 8.2.2.1. Eye and face protection

<b>Eye protection:</b>			
If there is a risk of liquid being splashed : Wear tight fitting safety glasses.			
Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

#### 8.2.2.2. Skin protection

<b>Skin and body protection:</b>	
If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Cotton or cotton/synthetic overalls or coveralls are normally suitable. Tyvek® Gown/Coveralls	
Type	Standard
Tyvek® Gown/Coveralls	EN 13034, EN 340

<b>Hand protection:</b>					
Wear protective gloves. Permeation. 2 (> 30 minutes). Recommendation. Use nitrile gloves. Wear rubber gloves or Latex gloves. Protective gloves made of PVC. Replace gloves in time: no glove material is unlimited protecting to chemicals or a combination of chemicals.					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	> 0.38 mm		EN 374-3
Disposable gloves	Nitrile rubber (NBR)	2 (> 30 minutes)	> 0.12		EN 374-2

#### 8.2.2.3. Respiratory protection

<b>Respiratory protection:</b>
In case of inadequate ventilation wear respiratory protection. Dust/aerosol mask with filter type P1. In case of fumes or aerosols: wear a respirator conforming to EN140 with Type A/P2 filter or better. During spraying wear suitable respiratory equipment: . Mask P2 in case an airless machine is used.

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Do not flush into surface water or sewer system.

#### Other information:

Wash hands and face before break and at end of works. When using, do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Paste.
Colour	: light yellow.
Odour	: Characteristic.

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Odour threshold	: No data available
pH	: 7 – 9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: ≈ 0 °C
Boiling point	: ≈ 100 °C
Flash point	: Not applicable.
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: ≈ 1.27
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: ≈ 45000 mPa·s
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

May be corrosive to metals.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Strong acids. Do not use with copper/aluminium/zinc - risk of corrosion.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Harmful if inhaled.

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ATE CLP (gases)	4500 ppmv/4h
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<b>tetrasodium ethylene diamine tetraacetate (64-02-8)</b>	
LD50 oral rat	1780 mg/kg
LC50 Inhalation - Rat	1 – 5 mg/l

Skin corrosion/irritation	: Not classified pH: 7 – 9
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7 – 9
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.

<b>tetrasodium ethylene diamine tetraacetate (64-02-8)</b>	
NOAEC (inhalation, rat, gas, 90 days)	3
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: In water, material soluble.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

<b>tetrasodium ethylene diamine tetraacetate (64-02-8)</b>	
LC50 - Fish [1]	≥ 100 mg/l

<b>Isotridecyl alcohol polyoxyethylene ether (69011-36-5)</b>	
LC50 - Fish [1]	1 – 10 <i>Leuciscus idus</i> (golden orfe)
EC50 - Crustacea [1]	1 – 10

### 12.2. Persistence and degradability

<b>tetrasodium ethylene diamine tetraacetate (64-02-8)</b>	
Persistence and degradability	Not readily biodegradable.

<b>Isotridecyl alcohol polyoxyethylene ether (69011-36-5)</b>	
Biodegradation	> 60 % (28d, OECD301B, C.4-C; 648/2004).

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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	According to literature, not bioaccumulative.
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#### tetrasodium ethylene diamine tetraacetate (64-02-8)

Partition coefficient n-octanol/water (Log Pow)	≥ 0
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### 12.4. Mobility in soil

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Ecology - soil	None known.
Additional information	Harmful to fishes

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment .

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Forbidden through garbage can or sewerage, follow the next guidelines: 75/442/EG & 91/689/EG . Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 20 01 29\* - detergents containing dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IATA

### 14.1 UN number

UN-No. (ADR) : Not applicable  
UN-No. (IATA) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

### 14.3. Transport hazard class(es)

**ADR**  
Transport hazard class(es) (ADR) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IATA) : Not applicable



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### 14.5. Environmental hazards

Dangerous for the environment : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Air transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

Section	Changed item	Change	Comments
1.2			
8.2			

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

### Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1

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Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Met. Corr. 1	H290	
Acute Tox. 4 (Inhalation:gas)	H332	
Eye Irrit. 2	H319	Calculation method
STOT RE 2	H373	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.