

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

1.1. Product identifier

Product form : Mixture
Product name : FACONET X
UFI : EC5U-K5VG-ND9X-8XV5
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

1.4. Emergency telephone number

Emergency number : +32 (0)70 245 245

Country/Area	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, H- and EUH-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) :



GHS05

GHS07

GHS08

Signal word (CLP) :

Warning

Contains :

tetrasodium ethylene diamine tetraacetate

Hazard statements (CLP) :

H318 - Causes serious eye damage.

H332 - Harmful if inhaled.

H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (CLP) :

P260 - Do not breathe vapours, spray.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective clothing, eye protection, face protection, protective gloves.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 - Dispose of contents and container to Collection point.

EUH-statements

: 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.

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	< 0,1	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

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
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	(0,05 ≤ C < 100) Skin Sens. 1, H317

Full text of H- and EUH-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.
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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.

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.

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 Section 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 ³
Remark	M
Regulatory reference	Koninklijk besluit/Arrêté royal 19/11/2020

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sodium hydroxide; caustic soda (1310-73-2)	
United Kingdom - Occupational Exposure Limits	
Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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.

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.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

If there is a risk of liquid being splashed : Wear tight fitting safety glasses.

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

8.2.2.2. Skin protection

Skin and body protection:

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

Skin and body protection	
Type	Standard
Tyvek® Gown/Coveralls	EN 13034, EN 340

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Hand protection:

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.

Hand protection					
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

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Dust/aerosol mask with filter type P1. In case of fumes or aerosols: wear a respirator half mask P2. 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
Colour	: light yellow.
Appearance	: Paste.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: ≈ 0 °C
Boiling point	: ≈ 100 °C
Flammability	: Non flammable.
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not applicable.
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 7 – 9
Viscosity, kinematic	: Not available
Viscosity, dynamic	: ≈ 45000 mPa·s
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: ≈ 1,27
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

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9.2.2. Other safety characteristics

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 hazard classes as defined in Regulation (EC) No 1272/2008

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

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ATE CLP (gases)	4500 ppmv/4h
tetrasodium ethylene diamine tetraacetate (64-02-8)	
LD50 oral rat	1780 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	1 – 5 mg/l/4h
1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LD50 oral rat	1193 ml/kg
LD50 dermal rat	4115 mg/kg
sodium hydroxide; caustic soda (1310-73-2)	
LD50 oral rat	500 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

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Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.

tetrasodium ethylene diamine tetraacetate (64-02-8)

NOAEC (inhalation, rat, gas, 90 days)	3
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

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

tetrasodium ethylene diamine tetraacetate (64-02-8)

LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 500 mg/l
EC50 72h - Algae [1]	≤ 100 mg/l

Isotridecyl alcohol polyoxyethylene ether (69011-36-5)

LC50 - Fish [1]	1 – 10 <i>Leuciscus idus</i> (golden orfe)
EC50 - Crustacea [1]	1 – 10

1,2-benzisothiazol-3(2H)-one (2634-33-5)

LC50 - Fish [1]	2,18 mg/kg
EC50 - Crustacea [1]	2,94 mg/l
EC50 72h - Algae [1]	0,36 mg/l
ErC50 algae	0,11 mg/l
NOEC (acute)	0,027 mg/l
NOEC (chronic)	0,15 mg/l

12.2. Persistence and degradability

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Persistence and degradability	Rapidly degradable
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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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1,2-benzisothiazol-3(2H)-one (2634-33-5)

Bioconcentration factor (BCF REACH)	6,95
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Partition coefficient n-octanol/water (Log Pow)	0,7
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12.4. Mobility in soil

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Ecology - soil	None known.
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Additional information	Harmful to fishes
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. 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.

Ecological information : Avoid release to the environment.

European List of Waste (LoW, EC 2000/532) : 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / IATA

14.1. UN number or ID 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

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Air transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

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

REACH Annex XVII (Restriction List)

Contains no REACH substances with Annex XVII restrictions

REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

PIC Regulation (Prior Informed Consent)

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.

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Does not contain a substance covered by Regulation (EC) No 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and placing on the market of certain substances used in the unlawful production of narcotic drugs and psychotropic substances .

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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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. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
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
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
Met. Corr. 1	Corrosive to metals, Category 1
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
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

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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.