

BA0054 TEXAPON N 70 GRANEL (50206691)

Safety data sheet

Page: 1/14

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

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

1.1. Product identifier

Texapon® N 70

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

Relevant identified uses: surfactants, cosmetic ingredient

For the detailed identified uses of the product see appendix of the safety data sheet.

1.3. Details of the supplier of the safety data sheet

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Operating Division Care Chemicals

Telephone: +49 211 7940-2222

E-mail address: emc-ehs-masterdata@basf.com

1.4. Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

Skin Corr./Irrit. 2

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

Eye Dam./Irrit. 1
Aquatic Chronic 3

H318, H315, H412

For the classifications not written out in full in this section the full text can be found in section 16.

2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

Pictogram:



Signal Word:
Danger

Hazard Statement:

H318	Causes serious eye damage.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280	Wear protective gloves and eye/face protection.
P273	Avoid release to the environment.
P264	Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P303 + P352	IF ON SKIN (or hair): Wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501	Dispose of contents/container to hazardous or special waste collection point.
------	---

According to Regulation (EC) No 1272/2008 [CLP]

Hazard determining component(s) for labelling: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

2.3. Other hazards

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

According to Regulation (EC) No 1272/2008 [CLP]

No specific dangers known, if the regulations/notes for storage and handling are considered.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical nature

Aqueous solution based on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

Hazardous ingredients (GHS)

according to Regulation (EC) No. 1272/2008

Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

Content (W/W): $\geq 60\%$ - $< 75\%$	Skin Corr./Irrit. 2
CAS Number: 68891-38-3	Eye Dam./Irrit. 1
EC-Number: 500-234-8	Aquatic Chronic 3
REACH registration number: 01-2119488639-16	H318, H315, H412

Specific concentration limit:

Eye Dam./Irrit. 2A: 5 - 10 %

Eye Dam./Irrit. 1: > 10 %

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

If adverse health effects develop seek medical attention.

If inhaled:
not relevant.

On skin contact:
After contact with skin, wash immediately with plenty of water. Change contaminated clothing and shoes.

On contact with eyes:

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

On ingestion:

Rinse mouth and then drink 200-300 ml of water.

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

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

Hazards: No hazard is expected under intended use and appropriate handling.

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

Treatment: Treat symptomatically.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media:

water spray, carbon dioxide, dry powder, foam

5.2. Special hazards arising from the substance or mixture

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

5.3. Advice for fire-fighters

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations.

6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

7.2. Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), Stainless steel 1.4571
Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Store protected against freezing.

Below temperature limit the product properties will change. The property change is reversible by stirring and heating. Bulk shipping (Tank car/truck, container) of the product has to be coordinated with the product owner in advance. Please refer to the technical leaflet for further information. A reduction of the active matter is possible. Please check! Below 10 °C , the product is no longer pumpable.

Storage stability:

Storage temperature: 20 - 40 °C

Protect from temperatures below: 0 °C

The packed product is not damaged by low temperatures or by frost.

Protect from temperatures above: 50 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Components with occupational exposure limits

144-55-8: Sodium hydrogencarbonate

PNEC

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

Data refer to the dissolved main component

Components with PNEC

68891-38-3: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

freshwater: 0.24 mg/l

marine water: 0.024 mg/l

intermittent release: 0.071 mg/l

STP: 10000 mg/l

sediment (freshwater): 0.9168 mg/kg

sediment (marine water): 0.09168 mg/kg

soil: 7.5 mg/kg

oral (secondary poisoning):

No PNEC oral derived, as accumulation in organisms is not to be expected.

DNEL

Data refer to the dissolved main component

Components with DNEL

68891-38-3: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

worker: Long-term exposure- systemic effects, dermal: 2750 mg/kg

worker: Long-term exposure- systemic effects, Inhalation: 175 mg/m³

consumer: Long-term exposure- systemic effects, dermal: 1650 mg/kg

consumer: Long-term exposure- systemic effects, Inhalation: 52 mg/m³

consumer: Long-term exposure- systemic effects, oral: 15 mg/kg

8.2. Exposure controls

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection:

Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately.

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

nitrile rubber (NBR) - 0.4 mm coating thickness

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

For information regarding environmental exposure controls, see Section 6.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form:	paste, pasty	
Colour:	yellowish	
Odour:	odourless	
Odour threshold:		
pH value:	not applicable 7.0 - 9.0 (water, 20 °C)	(DGF-H-III 1)
pour point:	>= 20.0 °C	(DIN ISO 3016)
Melting point:	>= 20.0 °C	
decomposition point:	> 206 °C The substance / product decomposes.	
boiling temperature:	> 100 °C	
Flash point:	> 101 °C Aqueous preparation	
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.	
Flammability:	Not flammable.	
Flammability of Aerosol Products:	not applicable, the product does not form flammable aerosoles	
Lower explosion limit:	For liquids not relevant for classification and labelling.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Ignition temperature:	250 °C	
Vapour pressure:		
Density:	not determined 1.07 - 1.1 g/cm ³ (20 °C)	(DGF C-IV 2; QP1100.0; Density)
Relative vapour density (air):	not applicable	
Solubility in water:	soluble 280 g/l (20 °C)	

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

Solubility (qualitative) solvent(s): distilled water
soluble, forms a gel
Partitioning coefficient n-octanol/water (log Kow): 0.3 (measured)
(23 °C)
Self ignition: Temperature: 250 °C

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Viscosity, dynamic: > 10,000 mPa*s
(20 °C)

Viscosity, kinematic: > 8,000 mm²/s
(20 °C)

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

9.2. Other information

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

No further information available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

None if used for intended purpose.

10.4. Conditions to avoid

See MSDS section 7 - Handling and storage.

10.5. Incompatible materials

Substances to avoid:

No substances known that should be avoided.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single skin contact.

Virtually nontoxic by inhalation.

Virtually nontoxic after a single ingestion.

Experimental/calculated data:

LD50 rat (oral): > 5,000 mg/kg (OECD Guideline 401)

LD50 rat (dermal): > 2,000 mg/kg (OECD Guideline 402)

Irritation

Assessment of irritating effects:

May cause severe damage to the eyes.

Skin contact causes irritation.

Experimental/calculated data:

Skin corrosion/irritation rabbit: Irritant. (OECD Guideline 404)

Serious eye damage/irritation rabbit: irreversible damage (OECD Guideline 405)

Respiratory/Skin sensitization

Assessment of sensitization:

No sensitizing effect.

Experimental/calculated data:

guinea pig: Non-sensitizing. (OECD Guideline 406)

Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect.

Experimental/calculated data:

Ames-test

Bacteria: negative (OECD Guideline 471)

Carcinogenicity

Assessment of carcinogenicity:

The whole of the information assessable provides no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproduction toxicity:

The information available on the product provides no indication of reproductive toxicity.

Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

The information available on the product provides no indication of toxicity on target organs after repeated exposure.

Aspiration hazard

No aspiration hazard expected.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity to fish:

LC50 > 10 - 100 mg/l, *Leuciscus idus* (Screening (style of OECD 203))

Aquatic invertebrates:

EC50 > 10 - 100 mg/l, *Daphnia magna* (OECD Guideline 202, part 1)

Aquatic plants:

EC50 > 10 - 100 mg/l, *Scenedesmus subspicatus* (OECD Guideline 201)

Microorganisms/Effect on activated sludge:

EC0 > 100 mg/l, *Pseudomonas putida* (DIN 38412 Part 27 (draft))

Chronic toxicity to fish:

No observed effect concentration > 1 - 10 mg/l, *Leuciscus idus*

Chronic toxicity to aquatic invertebrates:

No observed effect concentration > 0.1 - 1 mg/l, *Daphnia magna*

12.2. Persistence and degradability

Assessment biodegradation and elimination (H2O):

Readily biodegradable (according to OECD criteria).

Elimination information:

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

(Annex III , part A) The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Assessment bioaccumulation potential:

Significant accumulation in organisms is not to be expected.

12.4. Mobility in soil

Assessment transport between environmental compartments:

Volatility: The substance will not evaporate into the atmosphere from the water surface.

Adsorption in soil: Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads. Study scientifically not justified.

12.5. Results of PBT and vPvB assessment

According to Annex XIV of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. Self classification

12.6. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

SECTION 14: Transport Information

Land transport

ADR

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

Environmental hazards: Not applicable
Special precautions for user: None known

RID

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

Inland waterway transport

ADN

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

Transport in inland waterway vessel

Not evaluated

Sea transport

IMDG

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

Air transport

IATA/ICAO

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

14.1. UN number

See corresponding entries for "UN number" for the respective regulations in the tables above.

14.2. UN proper shipping name

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

14.3. Transport hazard class(es)

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

14.4. Packing group

See corresponding entries for "Packing group" for the respective regulations in the tables above.

14.5. Environmental hazards

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

14.6. Special precautions for user

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

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

Regulation:	Not evaluated
Shipment approved:	Not evaluated
Pollution name:	Not evaluated
Pollution category:	Not evaluated
Ship Type:	Not evaluated

SECTION 15: Regulatory Information

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

15.2. Chemical Safety Assessment

Chemical Safety Assessment performed



BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 17.03.2017

Version: 4.1

Product: **Texapon® N 70**

(ID no. 30528345/SDS_GEN_EU/EN)

Date of print 18.03.2017

SECTION 16: Other Information

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

Skin Corr./Irrit.	Skin corrosion/irritation
Eye Dam./Irrit.	Serious eye damage/eye irritation
Aquatic Chronic	Hazardous to the aquatic environment - chronic
H318	Causes serious eye damage.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.