

BELFASIN OZK tr DRP0120TR

Version 1.1

Revision Date 31.03.2016

Print Date 18.04.2016

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

1.1 Product identifier

Trade name : BELFASIN OZK tr DRP0120TR

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

Use of the Sub-
stance/Mixture : Textile auxiliary

1.3 Details of the supplier of the safety data sheet

Company : Pulcra Kimya Sanayi ve Ticaret A.S.
Beylikbağı Mahallesi 341 Sokak No:1
41410 Gebze
Turkey

Telephone : +90-2626754200
Responsible/issuing person : MSDS-TR@pulcrachem.com

1.4 Emergency telephone number

Telephone : +90-2626754404

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements	:	H315	Causes skin irritation.
		H317	May cause an allergic skin reaction.
		H319	Causes serious eye irritation.

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H412

Harmful to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear eye protection/ face protection.

P280

Wear protective gloves.

Response:

P333 + P313

If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364

Take off contaminated clothing and wash it before reuse.

Hazardous components which must be listed on the label:

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6](3:1)

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Chemical nature

: Aqueous preparation of:

Quaternised alkanolamine esters

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Imidazolium compounds, 4,5-dihydro-1-methyl-2-nortallow alkyl-3-(2-tallow amidoethyl), Me sulfates	86088-85-9 289-151-3	Skin Irrit.2; H315 Eye Irrit.2; H319 Aquatic Chronic2; H411	>= 10 - < 20
Fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	91995-81-2 295-344-3	Skin Irrit.2; H315	>= 1 - < 5
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6](3:1)	55965-84-9	Acute Tox.3; H331 Acute Tox.3; H311 Acute Tox.3; H301 Skin Corr.1B; H314 Skin Sens.1; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 0,0015 - < 0,06

For explanation of abbreviations see section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

- | | |
|-------------------------|--|
| General advice | : If you feel unwell, seek medical advice (show the label where possible).
Show this safety data sheet to the doctor in attendance.
Take off contaminated clothing and shoes immediately. |
| If inhaled | : Move to fresh air.
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Obtain medical attention. |
| In case of skin contact | : Wash with plenty of soap and water.
Cover wound with sterile dressing.
If symptoms persist, call a physician. |
| In case of eye contact | : If easy to do, remove contact lens, if worn.
Rinse immediately with plenty of water, also under the eyelids.
Get medical attention immediately. |
| If swallowed | : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF SWALLOWED: Immediately call a POISON CENTER/doctor.
If a person vomits when lying on his back, place him in the recovery position. |

4.2 Most important symptoms and effects, both acute and delayed

- | | |
|----------|-----------------------------|
| Symptoms | : No information available. |
|----------|-----------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

- | | |
|-----------|-----------------------------|
| Treatment | : No information available. |
|-----------|-----------------------------|

SECTION 5: Firefighting measures

5.1 Extinguishing media

- | | |
|------------------------------|---|
| Suitable extinguishing media | : Product is compatible with standard fire-fighting agents. |
|------------------------------|---|

5.2 Special hazards arising from the substance or mixture

- | | |
|---------------------------------------|---|
| Specific hazards during fire-fighting | : Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products formed under fire conditions.
Exposure to decomposition products may be a hazard to health. |
|---------------------------------------|---|

5.3 Advice for firefighters

- | | |
|------------------------------|--|
| Special protective equipment | : Wear self-contained breathing apparatus for firefighting if nec- |
|------------------------------|--|

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for firefighters

essary.

Further information

: Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

: Use personal protective equipment.
Avoid contact with skin, eyes and clothing.
Remove all sources of ignition.

6.2 Environmental precautions

Environmental precautions

: Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Clean contaminated surface thoroughly.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

: For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.

Advice on protection against fire and explosion

: Normal measures for preventive fire protection.

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before re-use.

Dust explosion class

: Not applicable

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7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep away from heat and sources of ignition.
- Advice on common storage : Keep away from food and drink.
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : For further information, refer to the product technical data sheet.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****8.2 Exposure controls****Personal protective equipment**

- Eye protection : Goggles
- Hand protection
- Material : Protective gloves complying with EN 374.
- Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work.
For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : In case of inadequate ventilation wear respiratory protection.
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
Suitable respiratory equipment:
Respirator with combination filter for vapour/particulate (EN 141)
See information supplied by the manufacturer.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

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Appearance	: liquid
Colour	: beige
Odour	: No data available
Odour Threshold	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density	: No data available
Water solubility	: emulsifiable
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

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10.4 Conditions to avoid

Conditions to avoid : Protect from contamination.
Oxidizing material can cause a reaction.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition products : Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity : LD50 : > 2.000 mg/kg

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

Skin corrosion/irritation

No skin irritation

Serious eye damage/eye irritation

No eye irritation

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

Genotoxicity in vitro : No data available

Genotoxicity in vivo : No data available

Germ cell mutagenicity- Assessment : No data available

Carcinogenicity

Carcinogenicity - Assessment : No data available

Reproductive toxicity

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Effects on foetal development : This information is not available.

Reproductive toxicity - Assessment : No data available

Teratogenicity - Assessment : No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Repeated dose toxicity

No data available

Aspiration toxicity

No data available

Further information

This product is a mixture. Health hazard information is based on its components.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish : LC50 : 10 - 100 mg/l

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

Toxicity to bacteria : EC0 : 1 - 10 mg/l

12.2 Persistence and degradability

Biodegradability : Information given is based on data on the components and the ecotoxicology of similar products.
The examination of the product in the modified Zahn-Wellens test (OECD 302 B) showed an elimination in the range of 20 to 70 % DOC reduction within a test period of 28 days.

12.3 Bioaccumulative potential

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Bioaccumulation : No data available

12.4 Mobility in soil

Mobility : Medium: Soil
No data available

12.5 Results of PBT and vPvB assessment

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological information : Information given is based on data on the components and the ecotoxicology of similar products.
The product should not be allowed to enter drains, water courses or the soil.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.
Do not dispose of waste into sewer.
Do not dispose of together with household waste.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.2 Proper shipping name

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.3 Transport hazard class

ADR : Not dangerous goods
RID : Not dangerous goods
IMDG : Not dangerous goods

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IATA : Not dangerous goods

14.4 Packing group

ADR : Not dangerous goods

RID : Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

14.5 Environmental hazards

ADR : Not dangerous goods

RID : Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Not applicable

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

H301 : Toxic if swallowed.
H311 : Toxic in contact with skin.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H319 : Causes serious eye irritation.
H331 : Toxic if inhaled.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.
H411 : Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Acute : Acute aquatic toxicity
Aquatic Chronic : Chronic aquatic toxicity
Eye Irrit. : Eye irritation

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Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation

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This safety datasheet only contains information relating to safety and does not replace any product information or product specification.