



Blackfast 925 Water Based Oil Medium

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

1.1 - Product identifier

Trade name/designation Blackfast 925 Water Based Oil Medium

Chemical name

Product-type Mixture

Product code 925

UFI: SDJ2-H04Q-6004-X073

Other trade name

Blackfast 925

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

Relevant identified uses - Corrosion inhibitor

1.3 - Details of the supplier of the safety data sheet

Blackfast Chemicals Ltd.

Unit B

121 Roebuck Road

KT9 1EU Chessington United Kingdom

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Website www.blackfast.com

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Manufacturer

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1.4 - Emergency telephone number

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United Kingdom

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Asp. Tox. 1	Aspiration hazard - Category 1
Eye Irrit. 2	Eye irritation - Category 2

2.2 - Label elements



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

Contains: Sulfonic acids, petroleum, sodium salts (CAS No.: 68608-26-4) | Distillates (petroleum), hydrotreated light naphthenic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains relatively few normal paraffins.] (CAS No.: 64742-53-6) | 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one (CAS No.: 2634-33-5)

Signal word : Danger

Hazard pictograms



Hazard statements

H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

P261	Avoid breathing mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see information on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with national regulation.

EUH-phrases : None

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures



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Chemical name	No	%	Class(es)	Specific concentration limit
Sulfonic acids, petroleum, sodium salts	CAS No. : 68608-26-4 Index No. : EC No. : 271-781-5 REACH No. : 01-2119527859-22	10 - < 30	Eye Dam. 1 - H318 Skin Irrit. 2 - H315	Not applicable
Distillates (petroleum), hydrotreated light naphthenic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains relatively few normal paraffins.]	CAS No. : 64742-53-6 Index No. : 649-466-00-2 EC No. : 265-156-6 REACH No. : 01-2119480375-34	10 - < 30	Carc. 1B - H350	Not applicable Note L The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	CAS No. : 112-34-5 Index No. : 603-096-00-8 EC No. : 203-961-6 REACH No. : 01-2119475104-44	1 - < 10	Eye Irrit. 2 - H319	Not applicable
2,2' -oxybisethanol, diethylene glycol	CAS No. : 111-46-6 Index No. : 603-140-00-6 EC No. : 203-872-2 REACH No. : 01-2119457857-21	1 - < 10	Acute Tox. 4 Oral - H302	Not applicable
Tall oil, potassium salt	CAS No. : 68647-71-2 Index No. : EC No. : 271-968-1 REACH No. : 01-2119980636-25	1 - < 10	Aquatic Chronic 2 - H411	Not applicable
Alcohols, C12-15, ethoxylated	CAS No. : 68131-39-5 Index No. : EC No. : 500-195-7 REACH No. : 01-2119488720-33	< 1	Aquatic Acute 1 - H400 Eye Dam. 1 - H318	Not applicable
1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	CAS No. : 2634-33-5 Index No. : 613-088-00-6 EC No. : 220-120-9 REACH No. : 01-2120761540-60	< 1	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Eye Dam. 1 - H318 Skin Irrit. 2 - H315 Skin Sens. 1 - H317	Skin Sens. 1 - H317 : 0.05<=%<=100

SECTION 4: First aid measures

4.1 - Description of first aid measures

<u>Following inhalation</u>	- IF exposed or concerned: Call a doctor.
<u>Following skin contact</u>	- After contact with skin, wash immediately with plenty of water and soap. - Change contaminated, saturated clothing. - In case of skin reactions, consult a physician.
<u>After eye contact</u>	- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
<u>After ingestion</u>	- When in doubt or if symptoms are observed, get medical advice.



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

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - The following symptoms may occur:
- Allergic reactions

Symptoms and effects - After eye contact - Causes serious eye damage.

Symptoms and effects - After ingestion - No information available.

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

- No information available.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media - ABC-powder
- Water mist
- Carbon dioxide (CO₂)

Unsuitable extinguishing media - Strong water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - No data available.

Hazardous decomposition products - No data available.

5.3 - Advice for firefighters

- Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Use personal protection equipment.
- Wear protective gloves.

For emergency responders - Avoid generation of dust.
- Use personal protection equipment.
- Wear protective gloves.

6.2 - Environmental precautions

- Do not allow to enter into soil/subsoil.
- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - No information available.

Methods and material for cleaning up - Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Ventilate affected area.



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Inappropriate techniques - No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8
- Safe handling: see section 7

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - Avoid:Eye contact
- Avoid:Skin contact

Advices on general occupational hygiene - Avoid contact with skin, eyes and clothes.
- Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep/store only in original container.

7.3 - Specific end use(s)

- Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)

TWA EH40 ppm (UK)	15 ppm
TWA EH40 mg/m ³ (UK)	101.2 mg/m ³
STEL EH40 ppm (UK)	10 ppm
STEL EH40 mg/m ³ (UK)	67.5 mg/m ³

2,2'-oxybisethanol, diethylene glycol (111-46-6)

STEL EH40 ppm (UK)	23 ppm
STEL EH40 mg/m ³ (UK)	101 mg/m ³

- No data available.

8.2 - Exposure controls

Appropriate engineering controls - No information available.

Individual protection measures, such as personal protective equipment - Spectacles with side protection.

- (EN166)
- Lab coat.
- Wear protective gloves.





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- (EN374)

Environmental exposure controls

- No data available.
- Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	brown	<u>Odour</u>	characteristic
Odour threshold	No data available		
pH	No data available		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	No data available		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	No data available		
Upper explosion limit	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	0.935		
Density	No data available		
Solubility (Water)	partially soluble.		
Solubility (Ethanol)	No data available		
Solubility (Acetone)	No data available		
Solubility (Organic solvents)	No data available		
Log KOC	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Kinematic viscosity	42 mm ² /s		
Dynamic viscosity	No data available		

Particle characteristics

Particle size	No data available
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9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

- No data available.

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.



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10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Stable under recommended storage and handling conditions.

10.5 - Incompatible materials

- No data available.

10.6 - Hazardous decomposition products

- No data available.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- No data available.

Skin corrosion/irritation - Irritation, Category 2 - Causes skin irritation

- No data available.

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Causes serious eye damage.

Respiratory or skin sensitisation - Skin sensitization - Category 1 - May cause an allergic skin reaction

- May cause an allergic skin reaction.

Germ cell mutagenicity - Not classified

- No data available.

Carcinogenicity - Not classified

- No data available.

Reproductive toxicity - Not classified

- No data available.



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STOT-single exposure - Not classified
- No data available.

STOT-repeated exposure - Not classified
- No data available.

Aspiration hazard - Aspiration hazard - Category 1 - May be fatal if swallowed and enters airways

11.2 - Information on other hazards

- No information available.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- Harmful to aquatic life with long lasting effects.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No data available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No data available.

12.4 - Mobility in soil

- No data available.

12.5 - Results of PBT and vPvB assessment

12.6 - Endocrine disrupting properties

- No information available.

12.7 - Other adverse effects

- No data available.



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SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- No information available.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

Not applicable

14.4 - Packing group

Not applicable

14.5 - Environmental hazards

Not applicable

14.6 - Special precautions for user

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (Index No.: 603-096-00-8 - EC No.: 203-961-6 - CAS No.: 112-34-5)
<u>VOC content</u>	No data available

15.2 - Chemical Safety Assessment

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
6	27/01/2023		



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Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Asp. Tox. 1	Aspiration hazard - Category 1
Carc. 1B	Carcinogenicity - Category 1B
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H350	May cause cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1

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