

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
Issue date: 09/08/2021 Revision date: 09/08/2021 Version: 1.00

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

#### 1.1. Product identifier

Trade name : Trixie Detergent Formulation-No. : 013-21 Type of product : Detergent

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

#### 1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use Use of the substance/mixturei : Detergents

#### 1.2.2. Uses advised against

No additional information available

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

team4innovation GmbH Kurt-Schumacher-Ring 15-17 63329 Egelsbach

Germany

T +49 (0) 61 03 / 2 00 36 700 - F +49 (0) 61 03 / 2 00 36 715

Distributor

Supplier

TRIXIE UK Pet Prod 4 Littleworth Road

OX10 6LY Benson, Wallingford

# **Email competent person**

sds@kft.de

# 1.4. Emergency telephone number

Emergency number : National Health Service (NHS)

24 hour national number consumer

England and Scotland: 111 Wales: 0845 46 47

Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

# **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319 Full text of H-statements: see section 16

# Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

#### 2.2. Label elements

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

Hazard pictograms (CLP)



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Signal word (CLP) : Warning

Hazard statements (CLP) : H319 - Causes serious eye irritation. Precautionary statements (CLP) : P102 - Keep out of reach of children.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

Child-resistant fastening : Not applicable Tactile warning : Not applicable

#### 2.3. Other hazards

PBT: not relevant - no registration required vPvB: not relevant - no registration required

Component		
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
ethanol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
glycerol (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

# 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]
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	(CAS-No.) 110615-47-9	≥ 5 – < 10	Skin Irrit. 2, H315 Eye Dam. 1, H318
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	(CAS-No.) 68955-19-1 (EC-No.) 273-257-1 (REACH-no) 01-2119490225-39-xxxx	≥ 5 - < 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
ethanol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43-xxxx	≥ 2.5 – < 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319
D-Glucopyranose, oligomers, decyl octyl glycosides	(CAS-No.) 68515-73-1 (EC-No.) 500-220-1 (REACH-no) 01-2119488530-36-xxxx	≥ 2.5 - < 5	Eye Dam. 1, H318

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glycerol substance with national workplace exposure limit(s)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	≥ 0.25 – < 1	Not classified
(GB)	(LO-NO.) 200-200-3		

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	(CAS-No.) 110615-47-9	( 1 ≤C < 12) Eye Irrit. 2, H319 ( 12 <c 1,="" 100)="" dam.="" eye="" h318<br="" ≤="">( 30 ≤C &lt; 100) Skin Irrit. 2, H315</c>
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	(CAS-No.) 68955-19-1 (EC-No.) 273-257-1 (REACH-no) 01-2119490225-39-xxxx	( 10 ≤C < 20) Eye Irrit. 2, H319 ( 20 ≤C < 100) Eye Dam. 1, H318
ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43-xxxx	( 50 ≤C < 100) Eye Irrit. 2, H319

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 general : In all cases of doubt, or when symptoms persist, seek medical attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam.

Carbon dioxide.

Unsuitable extinguishing media : Strong water jet.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides. Sulphur

oxides.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be

done according to official regulations.

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# **SECTION 6: Accidental release measures**

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

## 6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling)

and collect in suitable container for disposal.

Other information : Disposal must be done according to official regulations.

#### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid

contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

Information about storage in one common storage : Keep away from food, drink and animal feeding stuffs.

facility

# 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

glycerol (56-81-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Glycerol
WEL TWA (OEL TWA) [1]	10 mg/m³ mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

ethanol (64-17-5)	
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol

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ethanol (64-17-5)	
WEL TWA (OEL TWA) [1]	1920 mg/m³
WEL TWA (OEL TWA) [2]	1000 ppm
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:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

#### Eye protection:

Wear closed safety glasses. EN 166

#### 8.2.2.2. Skin protection

# Skin and body protection:

Wear suitable protective clothing. EN ISO 13688. EN 13034

#### Hand protection:

In case of repeated or prolonged contact wear gloves. EN 374. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

# 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus with filter. EN 143. Filter A (colour code: brown). Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### **Environmental exposure controls:**

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the product. The above mentioned instructions regarding the protective equipment refer to the industrial use of larger quantities.

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# **SECTION 9: Physical and chemical properties**

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

Physical state : Liquid : colourless. Colour Odour Not available Odour threshold Not available Not applicable Melting point Freezing point Not available Boiling point Not available Flammability : Not applicable

Explosive properties : Product is not explosive.

Oxidising properties : Non oxidizing.

Explosive limits : Not available
Lower explosive limit (LEL) : Not available
Upper explosive limit (UEL) : Not available
Flash point : Not available
Auto-ignition temperature : Not available
Decomposition temperature : Not available

pH : 9.3

Viscosity, kinematic : Not available : Not available Solubility Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure Vapour pressure at 50 °C : Not available Density : Not available Relative density : Not available Relative vapour density at 20 °C : Not available Particle size : Not applicable Particle size distribution : Not applicable : Not applicable Particle shape : Not applicable Particle aspect ratio : Not applicable Particle aggregation state : Not applicable Particle agglomeration state Particle specific surface area : Not applicable Particle dustiness : Not applicable

### 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

No additional information available

## 9.2.2. Other safety characteristics

No additional information available

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

## 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

No additional information available

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#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met) Acute toxicity (dermal) Not classified (Based on available data, the classification criteria are not met) Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

glycerol	
LD50 oral rat	> 5000 mg/kg bodyweight

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

pH: 9.3

Serious eye damage/irritation : Causes serious eye irritation.

pH: 9.3

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met) Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met) Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

: Not classified (Based on available data, the classification criteria are not met) STOT-repeated exposure

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

# 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term

(acute)

: Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term

: Not classified (Based on available data, the classification criteria are not met)

(chronic)

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)		
LC50 - Fish [1]	1.3 mg/l (96 h; Brachydanio rerio (zebra-fish); (OECD 203 method))	
EC50 - Crustacea [1]	2.8 mg/l (48 h; Daphnia magna; (OECD 202 method))	
EC50 72h algae	14 mg/l (Desmodesmus subspicatus; EU Method C.3; BIOMASS)	
ErC50 algae	10 – 100 mg/l (72 h; Scenedesmus subspicatus; 92/69/EWG, C.3)	
NOEC chronic fish	0.11 mg/l (34 d; Pimephales promelas; Read-across; (OECD 210 method))	
NOEC chronic crustacea	0.14 mg/l (21 d; Daphnia magna; (OECD 202 method))	

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D-Glucopyranose, oligomers, decyl octyl glycosides		
ErC50 algae	27.22 mg/l (72 h; Desmodesmus subspicatus; DIN 38412, part 9)	
12.2. Persistence and degradability		
Trixie Detergent		
Persistence and degradability	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.	
Sulfuric acid, mono-C12-18-alkyl est	ters, sodium salts (68955-19-1)	
Persistence and degradability	Readily biodegradable.	
Biodegradation	93 % (28 d)	
D-Glucopyranose, oligomeric, C10-1	6-alkyl glycosides (110615-47-9)	
Persistence and degradability	Readily biodegradable.	
Biodegradation	86 % (28d; (OECD 301D method))	
D.Oharamana alianana dan d		
D-Glucopyranose, oligomers, decyl		
Persistence and degradability	Readily biodegradable.	
Biodegradation	100 % (28 d; (OECD 301E method))	
glycerol (56-81-5)		
Persistence and degradability	Readily biodegradable.	
Biodegradation	94 % (24 h)	
ethanol (64-17-5)		
Persistence and degradability	Readily biodegradable.	
Biodegradation	84 % (20 d)	
12.3. Bioaccumulative potential		
Sulfuric acid, mono-C12-18-alkyl est	ters, sodium salts (68955-19-1)	
Partition coefficient n-octanol/water (Log Po	ow) ≤ -2.1 (20 °C; (calculated value))	
Bioaccumulative potential	Bioaccumulation unlikely.	
D-Glucopyranose, oligomeric, C10-1	6-alkyl glycosides (110615-47-9)	
Partition coefficient n-octanol/water (Log Po		
D. Chicago manage all manage desid	actual relucionistica (COSAS 72.4)	
D-Glucopyranose, oligomers, decyl Partition coefficient n-octanol/water (Log Po		
Bioaccumulative potential	Bioaccumulation unlikely.	
glycerol (56-81-5)	4.75 (05 90) 711.7.4)	
Partition coefficient n-octanol/water (Log Ko		
Bioaccumulative potential	Bioaccumulation unlikely.	

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ethanol (64-17-5)	
Partition coefficient n-octanol/water (Log Kow)	-0.35 (20 °C)
Bioaccumulative potential	Bioaccumulation unlikely.

# 12.4. Mobility in soil

Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)	
Ecology - soil	Expected to be highly mobile in soil.

D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)		
Partition coefficient n-octanol/water (Log Koc)	1.7 (25 °C; (OECD 121 method))	
Ecology - soil	Expected to be highly mobile in soil.	

glycerol (56-81-5)	
Surface tension	≈ 63.4 mN/m (20 °C)
Ecology - soil	No additional information available.

ethanol (64-17-5)	
Surface tension	22.31 mN/m (20 °C)

## 12.5. Results of PBT and vPvB assessment

# **Trixie Detergent**

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

Component	
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides (110615-47-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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glycerol (56-81-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

# 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

No additional information available

# SECTION 13: Disposal considerations

# 13.1. Waste treatment methods

Waste treatment methods

: Disposal must be done according to official regulations. European waste catalogue. Do not discharge into drains or the environment. Do not dispose of with domestic waste.

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Product/Packaging disposal recommendations HP Code

- : Recycle or dispose of in compliance with current legislation.
- : HP4 "Irritant skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

# **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID r	number	1		
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name	1	,	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard	class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group	l.	1	,	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	zards	1	,	1
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

## 14.6. Special precautions for user

#### **Overland transport**

Not applicable

#### Transport by sea

Not applicable

## Air transport

Not applicable

## Inland waterway transport

Not applicable

#### Rail 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

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

Other information, restriction and prohibition

: Regulation (EC) No. 648/2004 of 31 March 2004 on detergents.

regulations

Detergent Regulation (648/2004/EC): Labelling of contents:

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Component	%
anionic surfactants, non-ionic surfactants	5-<15%
soap	<5%
perfumes	

## 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

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
TLM	Median Tolerance Limit	
vPvB	Very Persistent and Very Bioaccumulative	

Data sources

<sup>:</sup> European Chemicals Agency, http://echa.europa.eu/. Information provided by the manufacturer. Supplier Safety Data Sheet.

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Department issuing data specification sheet:

: KFT Chemieservice GmbH Im Leuschnerpark 3 D-64347 Griesheim

Phone: +49 6155-8981-400 Fax: +49 6155 8981-500

SDS Service: +49 6155 8981-522

Contact person : Dr. Süleyman Cinar

Full text of H- and EUH-statements:		
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 2	Flammable liquids, Category 2	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
H225	Highly flammable liquid and vapour.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H412	Harmful to aquatic life with long lasting effects.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	BCOP Test (Bovine Corneal Opacity and Permeability Test)

KFT SDS EU 02

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.