SAFETY DATA SHEET

Forrex

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

1.1. Product identifier

Trade name
Forrex

Product no.
57-1050-00

Unique formula identifier (UFI)
11M1-VJGU-KMKV-MUK5

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

Relevant identified uses of the substance or mixture
Appliance protection
Restricted to professional users.

Uses advised against
None known.

1.3. Details of the supplier of the safety data sheet

Company and address
Dafo Vehicle Fire Protection AB
Mediavägen 10 , Box 2039
S-13502 Tyresö
Sweden
+ 46 10 1768100
http://www.dafo-vehicle.com

Contact person
CHR

E-mail
support@dafo-vehicle.com

Revision
20/06/2024

SDS Version
8.0

Date of previous version
23/01/2024 (7.0)

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).
See section 4 “First aid measures”.
NCEC CareChem24: +44 1273 289451
Additional Emergency Phone Number in section 16

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.
STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Hazard pictogram(s)

Signal word
Warning
Hazard statement(s)
Causes serious eye irritation. (H319)
May cause damage to organs through prolonged or repeated exposure. (H373)
Precautionary statement(s)
General
-
Prevention
Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves/protective clothing. (P280)
Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Get medical advice/attention if you feel unwell. (P314)
If eye irritation persists: Get medical advice/attention. (P337+P313)
Storage
-
Disposal
Dispose of contents/container in accordance with local regulation (P501)
Hazardous substances
ethanediol
Additional labelling
UFI: 11M1-VJGU-KMKV-MUK5

2.3. Other hazards

Additional warnings
This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
ethanediol	CAS No.: 107-21-1 EC No.: 203-473-3 UK-REACH: 01-2119456816-28-XXXX Index No.: 603-027-00-1	15-24,9%	Acute Tox. 4, H302 STOT RE 2, H373 (Oral)	[1]
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS No.: 68515-73-1 EC No.: 500-220-1 UK-REACH: 01-2119488530-36 Index No.:	1-3%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 3.00 %)	[19]
2-ethylhexanol, ethoxylated, phosphated, sodium salt	CAS No.: 111798-26-6 EC No.: 601-122-2 UK-REACH: Index No.: 601-122-2	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318	
Blend of Fluorinated substances C6(PFAS)	CAS No.: 00-00-0 EC No.: UK-REACH: Index No.:	<1%		
2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl	CAS No.: 112-34-5 EC No.: 203-961-6	<0.25%	Eye Irrit. 2, H319	[1], [3]

ether	UK-REACH: 01-2119475104-44-0006 Index No.: 603-096-00-8

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[1] European occupational exposure limit.
[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.
[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

The product is not flammable

5.2. Special hazards arising from the substance or mixture

None

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage conditions

Dry,cool and well ventilated (<60 C)

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ethanediol
Long term exposure limit (8 hours) (ppm): 20(vapour)
Long term exposure limit (8 hours) (mg/m^3): 10(particulate)/52(vapour)
Short term exposure limit (15 minutes) (ppm): 40 (vapour)
Short term exposure limit (15 minutes) (mg/m^3): 104 (vapour)
Annotations:
Sk = Can be absorbed through the skin and lead to systemic toxicity.

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Long term exposure limit (8 hours) (ppm): 10
Long term exposure limit (8 hours) (mg/m^3): 67,5
Short term exposure limit (15 minutes) (ppm): 15
Short term exposure limit (15 minutes) (mg/m^3): 101,2

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

Duration:	Route of exposure:	DNEL:

Long term – Systemic effects - General population	Dermal	50 mg/kg
Long term – Systemic effects - Workers	Dermal	83mg/kg
Long term – Local effects - Workers	Inhalation	67.5 mg/m³
Long term – Systemic effects - Workers	Inhalation	68 mg/m3
Long term – Systemic effects - Workers	Inhalation	10 ppm
Short term – Local effects - General population	Inhalation	60.7 mg/m3
Short term – Local effects - Workers	Inhalation	101,2 mg/m3
Short term – Local effects - Workers	Inhalation	101.2 mg/m³
Long term – Systemic effects - General population	Oral	5 mg/kg
Long term – Systemic effects - General population	Oral	6.25 mg/kg bw/day

D-Glucopyranose, oligomers, decyl octyl glycosides

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	357000 mg/kg
Long term – Systemic effects - General population	Dermal	357000 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	595000 mg/kg
Long term – Systemic effects - Workers	Dermal	595000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m3
Long term – Systemic effects - General population	Inhalation	124 mg/m³
Long term – Systemic effects - Workers	Inhalation	420 mg / m3
Long term – Systemic effects - Workers	Inhalation	420 mg/m³
Long term – Systemic effects - General population	Oral	35.7 mg/kg
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

ethanediol

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	53 mg/kg
Long term – Systemic effects - General population	Dermal	53 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	106 mg/kg
Long term – Systemic effects - Workers	Dermal	106 mg/kg bw/day
Long term – Local effects - General population	Inhalation	7 mg/m3
Long term – Local effects - General population	Inhalation	7 mg/m³
Long term – Local effects - Workers	Inhalation	35 mg/m3
Long term – Local effects - Workers	Inhalation	35 mg/m³

PNEC

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		1.1 mg/L
Freshwater		1.1 mg/L
Freshwater sediment		4.4 mg/kg
Freshwater sediment		4.4 mg/kg
Intermittent release (freshwater)		11 mg/L
Marine water		0,11 mg/L
Marine water		110 µg/L
Marine water sediment		0,44 mg/ L

Marine water sediment	440 µg/kg
Predators	56 mg/kg
Soil	0.32 mg/kg
Soil	320 µg/kg

D-Glucopyranose, oligomers, decyl octyl glycosides

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,1 mg/l
Freshwater		176 µg/L
Freshwater sediment		0.487 mg/kg
Freshwater sediment		1.516 mg/kg
Intermittent release (freshwater)		270 µg/L
Marine water		0,01mg/l
Marine water		17.6 µg/L
Marine water sediment		0.048 mg/kg
Marine water sediment		152 µg/kg
Predators		111.11 mg/kg
Sewage treatment plant		560 mg/L
Soil		654 µg/kg

ethanediol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		10 mg/L
Freshwater		10 mg/L
Freshwater sediment		37 mg/kg
Freshwater sediment		37 mg/kg
Intermittent release (freshwater)		10 mg/L
Intermittent release (marine water)		10 mg/L
Marine water		1 mg/L
Marine water		1 mg/L
Marine water sediment		3.7 mg/kg
Marine water sediment		3.7 mg/kg
Sewage treatment plant		199.5 mg/L
Soil		1.53 mg/kg
Soil		1.53 mg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Work situation	Type	Class	Colour	Standards	
In case of inadequate ventilation	A	Class 1 (low capacity)	Brown	EN14387	

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Vinyl/PVC	0.6	-	-	

Eye protection

Type	Standards	
Wear safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Red

Odour / Odour threshold

Characteristic

pH

7,7-8,3

Density (g/cm^3)

~1,17

Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

-50

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure
Testing not relevant or not possible due to the nature of the product.
Relative vapour density
Testing not relevant or not possible due to the nature of the product.
Decomposition temperature (°C)
Testing not relevant or not possible due to the nature of the product.
Data on fire and explosion hazards
Flash point (°C)
Testing not relevant or not possible due to the nature of the product.
Flammability (°C)
Testing not relevant or not possible due to the nature of the product.
Auto-ignition temperature (°C)
Testing not relevant or not possible due to the nature of the product.
Lower and upper explosion limit (% v/v)
Testing not relevant or not possible due to the nature of the product.
Solubility
Solubility in water
Completely soluble
n-octanol/water coefficient (LogKow)
Not applicable
Solubility in fat (g/L)
Not applicable
9.2. Other information
Other physical and chemical parameters
No data available.
Oxidizing properties
Testing not relevant or not possible due to the nature of the product.

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.
10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.
10.3. Possibility of hazardous reactions
None known.
10.4. Conditions to avoid
None known.
10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.
10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

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

Product/substance	ethanediol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840.00 mg/kg

Product/substance	ethanediol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	9530.00 mg/kg

Product/substance	ethanediol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	7712.00 mg/kg

Product/substance	ethanediol
Species:	Mouse
Route of exposure:	Dermal
Test:	LD50
Result:	3500.00 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	2000.00 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2000.00 mg/kg

Product/substance	2-ethylhexanol, ethoxylated, phosphated, sodium salt
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	2410.00 mg/kg

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	29.00 ppm

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	2764.00 mg/kg

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5660.00 mg/kg

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Reproductive toxicity
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

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

Aspiration hazard
Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Long term effects
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties
This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information
None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	ethanediol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	72860.00 mg/L

Product/substance	ethanediol
Species:	Algae
Duration:	96 hours
Test:	EC50
Result:	6500.00 mg/L

Product/substance	ethanediol
Species:	Daphnia
Duration:	No data available.
Test:	NOEC
Result:	8590.00 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	20.71 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	21.00 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	37.00 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides

Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	100.00 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Crustacean
Duration:	96 hours
Test:	EC50
Result:	151 mg/L

Product/substance	2-ethylhexanol, ethoxylated, phosphated, sodium salt
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LC50
Result:	75 mg/L

Product/substance	2-ethylhexanol, ethoxylated, phosphated, sodium salt
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	267 mg/L

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	1300.00 mg/L

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	100.00 mg/L

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Species:	Algae
Duration:	96 hours
Test:	EC50
Result:	100.00 mg/L

12.2. Persistence and degradability

Product/substance	ethanediol
Result:	90 %
Conclusion:	Readily biodegradable

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Result:	100 %
Conclusion:	Readily biodegradable
Test:	OECD 301 E

Product/substance	2-ethylhexanol, ethoxylated, phosphated, sodium salt
Result:	62%
Conclusion:	Readily biodegradable
Test:	OECD 301 A

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Result:	80 %
Conclusion:	Readily biodegradable
Test:	OECD 301 C

12.3. Bioaccumulative potential

Product/substance	ethanediol
LogKow:	-1,36
Conclusion:	No potential for bioaccumulation

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
LogKow:	1.77
Conclusion:	-

Product/substance	2-ethylhexanol, ethoxylated, phosphated, sodium salt
Conclusion:	No potential for bioaccumulation

Product/substance	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Conclusion:	No potential for bioaccumulation

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties
This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product is covered by the regulations on hazardous waste. (*)
HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code
16 03 06 Organic wastes other than those mentioned in 16 03 05

Contaminated packing
Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user
Not applicable.

14.7. Maritime transport in bulk according to IMO instruments
No data available.

SECTION 15: Regulatory information

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

Restrictions for application
Restricted to professional users.
People under the age of 18 shall not be exposed to this product.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical

precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

REACH, Annex XVII

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether is subject to restrictions, UK-REACH annex XVII (entry 55).

Additional information

Not applicable.

Sources

The Management of Health and Safety at Work Regulations 1999.
The Health and Safety at Work etc. Act 1974 Regulations 2013.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H373, May cause damage to organs through prolonged or repeated exposure. (Oral)

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit

SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.
Emergency Phone No.:
France (English, French) +33 1 72 11 00 03
Germany (English , German) + 49 89 220 61 012 / 0800 000 7801
Spain (English, Spanish) + 34 91114 2520
Italy (English, Italian) + 39 02 3604 2884
Netherlands (English, Dutch) + 31 10713 8195
Middle East (English , Arabic) + 44 1273 289454
United States (English, French, Spanish) + 1 866 928 0789
Canada (English, French) + 1 800 579 7421
United States and Canada (English) + 1 202 464 2554
Mexico (English, Spanish) + 52 55 5004 8763
Brazil (Portuguese, Spanish, English) + 55 11 3197 5891
Chile (English, Spanish) + 56 2 2582 9336
Colombia (English, Spanish) + 57 1 508 7337
Argentina (English, Spanish) + 54 11 5984 3690
East/South East Asia (English, Bahasa Malaysia, Hindi, Japanese, Korean, Mandarin, Tagalog) +65 3158 1412
China (English, Mandarin) + 86 512 8090 3042
China (Mainland) (English, Mandarin) + 86 532 8388 9090
Japan (English, Japanese) + 81 3 4578 9341
Malaysia (English, Malaysian) 60 3 6207 4347
India (English, Hindi) 000 800 100 7479 7479
Philippines (English, Tagalog) + 63 28231 2149
South Korea (English, Korean) + 82 2 3479 8401
Australia (English) 18000 74234
New Zealand (English) + 64 9 929 1483
New Zealand (English) 0800 446 881
Dafo Fomtec Products comply with EU regulation-PFAS restriction: EU 2017/1000;EU 2020/784; EU 2021/1297 and POP regulation 2020/1021 supported by current analytical methods.

▼The safety data sheet is validated by

Charlotta Reimertz

▼Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en