



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

1.1. Product identifier

Brand name Q-PROTECTOR
Art-Nr. 200602

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

Impregnation agent

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Q-railing UK
Unit 1, Tunstall Arrow
James Brindley Way, Stoke-on-Trent
Staffordshire, ST6 5GF
United Kingdom
E-Mail sales.uk@q-railing.com
www.q-railing.com

Information contact

Sales
Telephone +44 1782 711 676
E-Mail sales.uk@q-railing.com

1.4. Emergency telephone

Emergency information

Information center in case of poisoning (Bonn, Germany)
Telephone +49 228 19 240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.
Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

2.2. Label elements

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



(GHS08) (GHS07)

Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.



Precaution statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/....
P337+P313	If eye irritation persists: Get medical advice/attention.
P331	Do NOT induce vomiting.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

none

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Hazardous ingredients

WHITE MINERAL OIL (PETROLEUM) ; REACH No. : 01-2119487078-27-XXXX ; EC No. : 232-455-8; CAS No. : 8042-47-5
Weight fraction : ≥ 50 - < 100 %
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

2-(2-BUTOXYETHOXY)ETHANOL ; REACH No. : 01-2119475104-44-XXXX ; EC No. : 203-961-6; CAS No. : 112-34-5
Weight fraction : ≥ 25 - < 50 %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319
Substance with a common (EC) occupational exposure limit value.

ISOTRIDECANOL, ETHOXYLATED (≥ 2.5 EO) ; REACH No. : (Polymer) ; EC No. : 931-138-8; CAS No. : 69011-36-5
Weight fraction : ≥ 1 - < 5 %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319 Aquatic Chronic 3 ; H412

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

Following inhalation

In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

After eye contact

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. Protect uninjured eye.



After ingestion

Do NOT induce vomiting. Let 1 glass of water be drunken in little sips (dilution effect). Do NOT induce vomiting. Call a physician immediately

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water
Foam
Extinguishing powder
Carbon dioxide (CO₂)
Sand
Nitrogen
Extinguishing blanket

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide , Carbon dioxide (CO₂)

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clear spills immediately. Wipe up with absorbent material (eg. cloth, fleece). Wash with plenty of water. Treat the recovered material as prescribed in the section on waste disposal..

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13



SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Keep/Store only in original container. Protect against Frost

Hints on joint storage

Storage class (TRGS 510) : 10

Further information on storage conditions

P405 - Store locked up.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Zu Control parameters

Occupational exposure limit values

WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5

Limit value type (country of origin) : TRGS 900 (D)

Parameter : A: respirable fraction

Limit value : 5 mg/m³

Peak limitation : 4(II)

Remark : Y

Version : 29.03.2019

2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 10 ppm / 67 mg/m³

Peak limitation : 1,5(I)

Remark : Y

Version : 29.03.2019

Limit value type (country of origin) : STEL (EC)

Limit value : 15 ppm / 101,2 mg/m³

Version : 20.06.2019

Limit value type (country of origin) : TWA (EC)

Limit value : 10 ppm / 67,5 mg/m³

Version : 20.06.2019

DNEL-/PNEC values

DNEL/DMEL

Limit value type : DNEL worker (local) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)

Exposure route: Inhalation

Exposure frequency : Long-term

Limit value : 67,5 mg/m³

Limit value type: DNEL worker (local) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)

Exposure route: Inhalation

Exposure frequency : Short-term

Limit value : 101,2 mg/m³

Limit value type: DNEL worker (systemic) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)

Exposure route: Inhalation

Exposure frequency : Long-term

Limit value : 67,5 mg/m³

Limit value type: DNEL worker (systemic) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)

Exposure route:: Dermal



Safety Data Sheet according to regulation (EC)

No. 1907/2006 (REACH)

Print date 12.04.2022

Revision 12.04.2022

Q-PROTECTOR

Exposure frequency :	Long-term
Limit value:	20 mg/kg
Limit value type:	DNEL worker (systemic) (ISOTRIDECANOL, ETHOXYLATED (>= 2.5 EO) ;
CAS-No. :	69011-36-5)
Exposure route:	Inhalation
Exposure frequency :	Long-term
Limit value:	294 mg/m3
Limit value type:	DNEL worker (systemic) (ISOTRIDECANOL, ETHOXYLATED (>= 2.5 EO);
CAS-No. :	69011-36-5)
Exposure route::	Dermal
Exposure frequency :	Long-term
Limit value :	2080 mg/kg

8.2. Exposure controls

Personal protection equipment

Eye/face protection



Wear suitable safety goggles in case of splash.

Suitable eye protection

EN 166

Skin protection

Hand protection



Wear protective gloves in case of longer lasting skin contact.

Suitable gloves type: EN 374.

Suitable material: NBR (Nitrile rubber)

Breakthrough time (maximum wearing time): 480 min.

Thickness of the glove material: 0.4 mm

Remark : The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Respiratory protection



Respiratory protection necessary at: exceeding exposure limit values

Suitable respiratory protection apparatus

Combination filtering device (EN 14387)

Type : A

Remark

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

General information

Do not put any product-impregnated cleaning rags into your trouser pockets. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. P362+P364 - Take off contaminated clothing and wash it before reuse. P264 - Wash hands thoroughly after handling.

8.3. Additional information

No tests have been performed. Selection made for preparations according to the best available knowledge and information on ingredients. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour: clear
Odor: characteristic

Safety characteristics

Flash point: ca. 130 °C
Auto-ignition temperature : not relevant
Lower explosion limit : not relevant
Upper explosion limit : not relevant
Vapor pressure : (50 °C) < 0,1 hPa
Density : (20 °C) ca. 0,86 g/cm³
pH : not applicable
Cinematic viscosity : (40 °C) 13,1 mm²/s
Maximum VOC content (EC): 0 Wt-%
Maximum VOC content (Switzerland): 33 WT-%

9.2. Other information Angaben

No further relevant information available.



SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Acute oral toxicity

Parameter :	ATEmix calculated
Exposure route:	Oral
Effective dose:	> 2000 mg/kg
Parameter :	LD50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Exposure route :	Oral
Species:	Rat
Effective dose:	> 5000 mg/kg
Method :	OECD 401
Parameter :	LD50 (ISOTRIDECANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Exposure route :	Oral
Species:	Rat
Effective dose:	> 5000 mg/kg
Method :	OECD 423
Parameter :	LD50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Exposure route:	Oral
Species :	Mouse
Effective dose :	5530 mg/kg
Method :	OECD 401

Acute dermal toxicity

Parameter :	ATEmix calculated
Exposure route:	Dermal
Effective dose:	> 2000 mg/kg
Parameter :	LD50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Exposure route:	Dermal
Species :	Rabbit
Effective dose:	> 5000 mg/kg
Method :	OECD 402
Parameter :	LD50 (ISOTRIDECANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Exposure route :	Dermal
Species :	Rabbit



Safety Data Sheet according to regulation (EC)

No. 1907/2006 (REACH)

Print date 12.04.2022

Revision 12.04.2022

Q-PROTECTOR

Effective dose:	> 5000 mg/kg
Method :	OECD 402
Parameter :	LD50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Exposure route :	Dermal
Species :	Rabbit
Effective dose:	2764 mg/kg
Method :	OECD 402

Acute inhalation toxicity

Parameter :	ATEmix calculated
Exposure route :	Inhalation
Effective dose:	> 20 mg/l
Parameter :	LC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Exposure route :	Inhalation: Einatmen
Species :	Rat
Effective dose:	> 5000 mg/m ³
Exposure time:	4 h
Method :	OECD 403

Corrosion

Skin corrosion/irritation

No further relevant information available.

Serious eye damage/eye irritation

No further relevant information available.

Respiratory or skin sensitisation

Skin sensitisation

No further relevant information available.

Sensitisation to the respiratory tract

No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No further relevant information available.

Germ cell mutagenicity

No further relevant information available.

Reproductive toxicity

No further relevant information available.

STOT-single exposure

No further relevant information available.

STOT-repeated exposure

No further relevant information available.

Aspiration hazard

No further relevant information available.

11.2. Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself

11.3. Other adverse effects

Has degreasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

11.4. Additional information

Preparation not tested. The statement is derived from the properties of the single components.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter :	LC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Species :	Lepomis macrochirus (Bluegill)
Evaluation parameter:	Acute (short-term) fish toxicity
Effective dose:	1300 mg/l



Safety Data Sheet according to regulation (EC)
No. 1907/2006 (REACH)

Print date 12.04.2022

Revision 12.04.2022

Q-PROTECTOR

Exposure time:	96 h
Method :	OECD 203
Parameter :	LC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Species :	Leuciscus idus (golden orfe)
Evaluation parameter:	Acute (short-term) fish toxicity
Effective dose:	> 100 mg/l
Exposure time:	96 h
Evaluation:	Harmless to fish up to the concentration tested..
Method :	OECD 203
Parameter :	LC50 (ISOTRIDEKANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Species :	Cyprinus carpio (Common Carp)
Evaluation parameter:	Acute (short-term) fish toxicity
Wirkdosis :	1 - 10 mg/l
Evaluation:	96 h
Method :	OECD 203
Parameter :	LC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Species :	Daphnia magna (Big water flea)
Evaluation parameter:	Acute (short-term) daphnia toxicity
Effective dose:	> 100 mg/l
Exposure time:	48 h
Evaluation:	Harmless to daphnia up to the tested concentration.
Method :	OECD 202
Parameter :	EC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Species :	Daphnia magna (Big water flea))
Evaluation parameter:	Chronic (long-term) daphnia toxicity
Effective dose:	> 1000 mg/l
Exposure time:	21 D
Method :	OECD 211

Chronic (long-term) fish toxicity

Parameter :	NOEC (ISOTRIDEKANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Evaluation parameter:	Chronic (long-term) fish toxicity
Effective dose:	1,73 mg/l

Acute (short-term) toxicity to crustacea

Parameter :	EC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Species :	Daphnia magna (Big water flea)
Evaluation parameter:	Acute (short-term) daphnia toxicity
Effective dose:	> 100 mg/l
Exposure time:	48 h
Method :	OECD 202
Parameter :	EC50 (ISOTRIDEKANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5))
Species :	Daphnia magna (Big water flea)
Evaluation parameter:	Acute (short-term) daphnia toxicity
Effective dose:	1 - 10 mg/l
Exposure time:	48 h
Method :	OECD 202

Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter :	EC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Species :	Scenedesmus subspicatus
Evaluation parameter:	Acute (short-term) algae toxicity
Effective dose:	> 100 mg/l
Exposure time:	48 h
Method :	OECD 201
Parameter :	EC50 (ISOTRIDEKANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Species :	Desmodesmus subspicatus
Evaluation parameter:	Acute (short-term) algae toxicity
Effective dose:	1 - 10 mg/l
Exposure time:	72 h
Method :	OECD 201

Toxicity to microorganisms

Parameter :	EC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Species :	Bacteria toxicity



Effective dose:	> 1000 mg/l
Exposure time:	40 h
Parameter :	EC50 (ISOTRIDEKANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Species :	Bacteria toxicity
Effective dose:	140 mg/l
Parameter :	EC10 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Species :	Bacteria toxicity
Effective dose:	> 1995 mg/l
Exposure time:	30 min

12.2. Persistence and degradability

Biodegradation

Parameter :	Biodegradation (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Inoculum :	Biodegradation
Degradation rate :	90 - 100 %
Test duration:	14 D
Evaluation:	Readily biodegradable (according to OECD criteria).
Method :	OECD 301E
Parameter :	Biodegradation (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Inoculum :	Degree of elimination
Evaluation parameter :	Aerobic
Degradation rate:	24 %
Test duration:	28 D
Method :	OECD 301B
Parameter :	Biodegradation (ISOTRIDEKANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Inoculum:	Degree of elimination
Evaluation parameter:	Anaerobic
Degradation rate:	> 60 %
Test duration :	60 D
Method :	OECD 311
Parameter :	Biodegradation (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Inoculum :	Biodegradation
Degradation rate:	90 - 100 %
Test duration:	8 D
Evaluation:	Readily biodegradable (according to OECD criteria).
Method:	OECD 302B
Parameter :	CO ₂ formation (% of the theoretical value) (ISOTRIDEKANOL, ETHOXYLATED (>= 2.5 EO) ; CAS No. : 69011-36-5)
Inoculum :	Biodegradation
Evaluation parameter:	Aerobic
Degradation rate:	> 60 %
Test duration:	28 D
Evaluation:	Readily biodegradable (according to OECD criteria).
Method :	OECD 301B

According to the recipe, contains no AOX. The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Other adverse effects

No information available.

12.7. Additional ecotoxicological information

None



SECTION 13: Disposal considerations

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. List of proposed waste codes/waste designations in accordance with EWC

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

07 06 99 - wastes not otherwise specified.

Waste code packaging

15 01 02 - plastic packaging.

Waste treatment options

Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

Other disposal recommendations

P501 - Dispose of contents/container to industrial incineration plant.

13.2. Additional information

These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use.

SECTION 14: Transport information

14.1. UN number

No dangerous good in sense of these transport regulations.

14.2. UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3. Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4. Packing group

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

No dangerous good in sense of these transport regulations.

14.6. Special precautions for user

None

14.2. Transport in bulk according to Annex II of Marpol and the IBC Code

No transport as bulk according to IBC Code.

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Use restriction according to REACH annex XVII, no. : 3, 55

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

National regulations

AT: Labelling according to Austrian regulations (Chemikaliengesetz/ChemV).



Safety Data Sheet according to regulation (EC)

No. 1907/2006 (REACH)

Print date 12.04.2022

Revision 12.04.2022

Q-PROTECTOR

CH: Chemikalienverordnung (ChemV) and Chemikalien-Risikoreduktions-Verordnung (Chem RRV) are complied.

Water hazard class (WGK)

Classification according to AwSV - Class : 1 (Slightly hazardous to water)

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1. Indication of changes

03. Hazardous ingredients · 08. Occupational exposure limit values · 08. DNEL/DMEL · 15. Restrictions on use

16.2. Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europäisches Übereinkommen über die Beförderung gefährlicher Güter auf der Straße)

AOX: adsorbierbare organisch gebundene Halogene

AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen

CAS: Chemical Abstracts Service (Unterabteilung der American Chemical Society)

CLP: Verordnung (EG) Nr. 1272/2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (Classification Labelling and Packaging)

EAK / AVV: europäischer Abfallartenkatalog / Abfallverzeichnis-Verordnung

ECHA: Europäische Chemikalienagentur (European Chemicals Agency)

EINECS: : Altstoffverzeichnis (European Inventory of Existing Commercial Chemical Substances)

GHS: Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien (Globally Harmonized System of Classification and Labelling of Chemicals)

IATA: Internationale Luftverkehrs-Vereinigung (International Air Transport Association)

ICAO: Internationale Zivilluftfahrtorganisation (International Civil Aviation Organization)

IMDG: Gefahrgutkennzeichnung für gefährliche Güter im Seeschiffverkehr (International Maritime Code for Dangerous Goods)

RID: Regelung zur internationalen Beförderung gefährlicher Güter im Schienenverkehr (Règlement concernant le transport international ferroviaire de marchandises dangereuses)

TRGS: Technische Regel für den Umgang mit Gefahrstoffen

VbF: Verordnung über brennbare Flüssigkeiten

VOC: flüchtige organische Verbindung (volatile organic compound)

VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe

WGK: Wassergefährdungsklasse

16.3. Key literature references and sources for data

DGUV: GESTIS-Stoffdatenbank

ECHA: Classification And Labelling Inventory

ECHA: Pre-registered Substances

ECHA: Registered Substances

EC_Safety Data Sheet of Suppliers

ESIS: European Chemical Substances Information System

GDL: Gefahrstoffdatenbank der Länder

UBA Rigoletto: Wassergefährdende Stoffe

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

No information available.

16.5. Relevant H- and EUH-phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects.

16.6. Training advice

none

16.5. Additional information

none



Safety Data Sheet according to regulation (EC)

No. 1907/2006 (REACH)

Print date 12.04.2022

Revision 12.04.2022

Q-PROTECTOR

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data of the hazardous ingredients were taken from the latest safety data sheet of the supplier)