

SAFETY DATA SHEET

ACCORDING TO 2020 NO. 1577 - THE REACH ETC.
(AMENDMENT ETC.) (EU EXIT) REGULATIONS 2020 (UK REACH)



Product name: Solopol Classic

Creation date: 24.10.2023, Revision: 24.10.2023, version: Unpublished version

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name
Solopol Classic

Product code
[VSSK9805]

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

Relevant identified uses
No information.

Uses advised against
No information.

1.3 Details of the supplier of the safety data sheet

Supplier
AKB Longs B.V.
Energieweg 50
2382NN Zoeterwoude, The Netherlands
+31715765200

1.4 Emergency Telephone Number

Emergency
112

Supplier
+31715765200

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to 2020 No. 1567 (GB CLP).
Eye Dam. 1; H318 Causes serious eye damage.

2.2 Label elements

Labelling according to 2020 No. 1567 (GB CLP)



Signal word: DANGER

H318 Causes serious eye damage.

P273 Avoid release to the environment.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P501 Dispose of contents/container in accordance with national regulation.

Contains:

Castor oil, sulfated

alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts

2.3 Other hazards

PBT/vPvB

No information.

Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

Additional information

No information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

For mixtures see 3.2.

3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to 2020 No. 1567 (GB CLP).	Specific Concentration Limits	Notes for substances
Castor oil, sulfated	8002-33-3 232-306-7 -	1-10	Skin Irrit. 2; H315 Eye Dam. 1; H318	/	/
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	68891-38-3 500-234-8 -	1-10	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	Eye Dam. 1; H318; C ≥ 10% Eye Irrit. 2; H319; 5% ≤ C < 10%	/
Laureth-2	68439-50-9 500-213-3 -	1-10	Eye Irrit. 2; H319 Aquatic Acute 1; H400; M = 1	/	/
titanium dioxide	13463-67-7 236-675-5 022-006-00-2	0.1-1	Carc. 2; H351	/	10, V, W

Notes for substances

10	The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.
V	If the substance is to be placed on the market as fibres (with diameter < 3 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.
W	It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes

Show the safety data sheet and label to the physician. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Following inhalation

No information.

Following skin contact

Product is intended for handwashing.

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. After 5 minutes of rinsing, remove contact lenses, if present, and continue rinsing. Consult a physician immediately!

Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Immediately consult a doctor. Show the physician the safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

No information.

Following skin contact

No information.

Following eye contact

Redness, pain, burning sensation, tearing, can cause permanent damage to the eyes.

Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort. Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

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

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

No information.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

No special precautions required.

5.3 Advice for firefighters

Protective actions

Special measures are not required.

Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

No information.

Precautionary measures

Contaminated surfaces will be extremely slippery.

Emergency procedures

No action shall be taken involving any personal risk or without suitable training.

For emergency responders

Use personal protective equipment.

6.2 Environmental precautions

In case of release into the environment, inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

For containment

Prevent spillage - close holes on damaged container.

For cleaning up

Clean contaminated area with plenty of water.

Other information

No information.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Special safety precautions are not necessary; handle according to work instructions.

Measures to prevent aerosol and dust generation

No special measures.

Measures to protect the environment

Avoid release to the environment.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Keep away from food, drink and animal feeding stuffs.

Packaging materials

Store only in original container.

Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

Storage class

No information.

Further information on storage conditions

No information.

7.3 Specific end use(s)**Recommendations**

No information.

Industrial sector specific solutions

No information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational Exposure limit values**

Name	mg/m ³	ml/m ³	Short-term value mg/m ³	Short-term value ml/m ³	Remark	Biological Tolerance Values
Titanium dioxide respirable (13463- 67-7)	4	/	/	/	/	/
Titanium dioxide total inhalable (13463-67-7)	10	/	/	/	/	/

Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

DNEL/DMEL values**For product**

No information.

For components

Name	Type	Exposure route	exp. frequency	Remark	value
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Worker	inhalation	long term systemic effects	/	175 mg/m ³
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Worker	dermal	long term systemic effects	/	2750 mg/kg bw/day
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Worker	dermal	long term local effects	/	132 µg/cm ²
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Consumer	inhalation	long term systemic effects	/	52 mg/m ³
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Consumer	dermal	long term systemic effects	/	1650 mg/kg bw/day

alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Consumer	dermal	long term local effects	/	79 µg/cm ²
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Consumer	oral	long term systemic effects	/	15 mg/kg bw/day
Laureth-2	Worker	inhalation	long term systemic effects	/	294 mg/m ³

PNEC values

For product

No information.

For components

Name	Exposure route	Remark	value
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	fresh water	/	0.24 mg/L
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	water, intermittent release	/	0.071 mg/L
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	marine water	/	0.024 mg/L
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	water treatment plant	/	10 g/L
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	fresh water sediment	dry weight	0.917 mg/kg
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	marine water sediment	dry weight	0.092 mg/kg
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	soil	dry weight	7.5 mg/kg
Laureth-2	fresh water	/	0.074 mg/L
Laureth-2	water, intermittent release	/	0.004 mg/L
Laureth-2	marine water	/	0.007 mg/L

8.2 Exposure controls

Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

Keep eyewash bottles or personal eyewash units and emergency showers available.

Technical measures to prevent exposure

Keep away from food, drink and animal feeding stuffs.

Personal protective equipment

Eye and face protection

Avoid contact with eyes.

Hand protection

No information.

Appropriate materials

Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2022). At high risk of skin exposure

chemical suits (BS EN 13034:2005+A1:2009) and boots may be required (BS EN ISO 20345:2022).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Mask with dust filter (P2) or FFP2 (EN 149:2001+A1:2009). For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard BS EN 137, BS EN 138.

Thermal hazards

No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure

No information.

Instruction measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

solid - paste

Colour

beige

Odour

fragrant

Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	5 at 20 °C, conc. 10 % (+/- 0,1)
Viscosity	No information.
Solubility	No information.
Partition coefficient	No information.
Vapour pressure	No information.
Density and/or relative density	No information.
Relative vapour density	No information.
Particle characteristics	No information.

9.2 Other information

Explosive properties	No information.
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information.

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

No information.

10.4 Conditions to avoid

No information.

10.5 Incompatible materials

Moisture.

10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

SECTION 11: TOXICOLOGICAL INFORMATION

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

(a) Acute toxicity

For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	dermal	LD ₅₀	rat	/	> 2000 mg/kg	/	/
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	oral	LD ₅₀	rat	/	> 2870 mg/kg	/	/
Laureth-2	oral	LD ₅₀	rat	/	2000 mg/kg	/	/
titanium dioxide	oral	LD ₅₀	rat	/	> 10000 mg/kg	/	/

Additional information

The product is not classified as acutely toxic.

(b) Skin corrosion/irritation

For components

Name	Species	Time	result	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	rabbit	/	Irritating to skin.	/	/

Additional information

Causes skin irritation.

(c) Serious eye damage/irritation**For components**

Name	Exposure route	Species	Time	result	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	/	rabbit	/	Severe irritation.	/	/

Additional information

Causes serious eye damage.

(d) Respiratory or skin sensitisation**For components**

Name	Exposure route	Species	Time	result	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	dermal	guinea pig	/	Non sensitising.	/	/

Additional information

The product is not classified as sensitising.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

Suspected of causing cancer.

(h) STOT-single exposure

No information.

Additional information

STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

No information.

Additional information

STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

No information.

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards**Endocrine disrupting properties**

The product does not contain substances with the potential for endocrine disorders.

Other information

No information.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Acute (short-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	LC ₅₀	7.1 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	/	/
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	EC ₅₀	7.4 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	EC ₅₀	27.7 mg/L	72 h	algae	<i>Scenedesmus subspicatus</i>	/	/

Chronic (long-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	NOEC	0.2 mg/l	/	fish	<i>Oncorhynchus mykiss</i>	/	/
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	NOEC	0.27 mg/l	/	crustacea	<i>Daphnia magna</i>	/	/
Laureth-2	NOEC	> 0.1 mg/l	/	fish	/	/	/
Laureth-2	NOEC	> 0.1 mg/l	/	crustacea	<i>Daphnia</i>	/	/
Laureth-2	NOEC	> 0.1 mg/l	/	algae	/	/	/

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

For components

Name	Type	Rate	Time	Evaluation	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	biodegradability	68 %	28 days	readily biodegradable	OECD 301 F	/

12.3 Bioaccumulative potential

Partition coefficient

For components

Name	Media	value	Temperature °C	pH	Concentration	Method
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Log Pow	0.3	/	/	/	/
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	Low bioaccumulation potential.	/	/	/	/	/

Bioconcentration factor (BCF)

For components

Name	Species	organism	value	Duration	Evaluation	Method	Remark
alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	BCF	/	< 500	/	/	/	/

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

No information.

12.5 Results of PBT and vPvB assessment

No evaluation.

12.6 Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

12.7 Other adverse effects

No information.

12.8 Additional information

For product

Product is not classified as dangerous for environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW

No information.

Packaging

Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents.

Waste codes / waste designations according to LoW

No information.

Waste treatment-relevant information

No information.

Sewage disposal-relevant information

No information.

Other disposal recommendations

No information.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.
14.2 UN proper shipping name			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.3 Transport hazard class(es)			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.4 Packing group			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.5 Environmental hazards			
NO	NO	NO	NO
14.6 Special precautions for user			
Limited quantities Not given/not applicable	Limited quantities Not given/not applicable		Limited quantities Not given/not applicable
14.7 Maritime transport in bulk according to IMO instruments			
	Not given/not applicable		

SECTION 15: REGULATORY INFORMATION

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

- The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (UK REACH - 2020 No. 1577).

- The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020 (GB CLP - 2020 No. 1567).

Information according 2012 No. 1715 about limitation of emissions of volatile organic compounds (VOC-guideline) not applicable

Ingredients according to 2020 No. 1617 (The Detergents (Amendment) (EU Exit) Regulations 2020)

No information.

Special instructions

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Indication of changes

No information.

Key literature references and sources for data

No information.

Abbreviations and acronyms

ATE - Acute Toxicity Estimate
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardisation
C&L - Classification and Labelling
CAS# - Chemical Abstracts Service number
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSA - Chemical Safety Assessment
CSR - Chemical Safety Report
DMEL - Derived Minimal Effect Level
DNEL - Derived No Effect Level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream User
EC - European Community
ECHA - European Chemicals Agency
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community
EINECS - European Inventory of Existing Commercial Substances
ELINCS - European List of notified Chemical Substances
EN - European Standard
EQS - Environmental Quality Standard
EU - European Union
Euphrac - European Phrase Catalogue
EWC - European Waste Catalogue (replaced by LoW – see below)
GB CLP - Classification Labelling Packaging Regulation; The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020 - 2020 No. 1567
GES - Generic Exposure Scenario
GHS - Globally Harmonized System
IATA - International Air Transport Association
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG - International Maritime Dangerous Goods
IMSBC - International Maritime Solid Bulk Cargoes
IT - Information Technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union for Pure Applied Chemistry
JRC - Joint Research Centre
Kow - octanol-water partition coefficient
LC₅₀ - Lethal Concentration to 50 % of a test population
LD₅₀ - Lethal Dose to 50% of a test population (Median Lethal Dose)
LE - Legal Entity
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)
LR - Lead Registrant
M/I - Manufacturer / Importer
MS - Member States
MSDS - Material Safety Data Sheet
OC - Operational Conditions
OECD - Organization for Economic Co-operation and Development
OEL - Occupational Exposure Limit
OJ - Official Journal
OR - Only Representative
OSHA - European Agency for Safety and Health at work
PBT - Persistent, Bioaccumulative and Toxic substance
PEC - Predicted Effect Concentration
PNEC(s) - Predicted No Effect Concentration(s)

PPE - Personal Protection Equipment
(Q)SAR - Qualitative Structure Activity Relationship
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP - REACH Implementation Project
RMM - Risk Management Measure
SCBA - Self-Contained Breathing Apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum
SME - Small and Medium sized Enterprises
STOT - Specific Target Organ Toxicity
(STOT) RE - Repeated Exposure
(STOT) SE - Single Exposure
SVHC - Substances of Very High Concern
UK REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 - 2020 No. 1577
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.