

Viroshield +
Code: 039B0

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.0.0**
Creation date : **15/10/21**
Revision: **27/10/22**
Print Date : 28/10/22

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

1.1. Product identifier

Trade name	Viroshield +
UFI :	YT8G-Q01E-800D-T2XD

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

Use of the product

SLIGHTLY ACID LIQUID
LIVESTOCK HOUSES
DISINFECTION BY DIP, SPRAY, FOAM APPLICATIONS – SURFACES,
MATERIAL, EQUIPMENT, BOOTS, ANIMAL TRANSPORTATION VEHICLES
(INCLUDING TYRES) – LIVESTOCK HOUSING

1.3. Details of the supplier of the safety data sheet

Company identification

Kilco (International) Ltd
Broomhouses 2 Industrial Estate
Old Glasgow Road
Lockerbie
United Kingdom
DG11 2SD
+44 (0) 1576 205480

For information regarding this safety data sheet, please contact :
regulatory@kersia-group.com

1.4. Emergency telephone number

Emergency phone number

Emergency direct number (24 hours a day, 7 days a week) : +44 1273
289451

CARECHEM 24 Great Britain
Tel. +44 1865 407333

NHS : 111

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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The mixture meets the classification criteria provided for under Regulation (EC) No 1272/2008.

Acute toxicity - Category 4 (per oral route)	EUH 071: Corrosive to the respiratory tract.
Skin corrosion - Category 1B	H302: Harmful if swallowed.
Skin sensitisation - Category 1A	H314: Causes severe skin burns and eye damage.
Serious damage to eyes - Category 1	H317: May cause an allergic skin reaction.
Acute toxicity - Category 3 (inhalation)	H318: Causes serious eye damage.
Respiratory sensitisation - Category 1	H331: Toxic if inhaled.
Hazardous to the aquatic environment – Acute - Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Hazardous to the aquatic environment – Chronic - Category 2	H400: Very toxic to aquatic life.
	H411: Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to 1272/2008/EC Regulation:

Hazard pictograms(s) :



Signal word :
Danger

Contains : Glutaraldehyde+ Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Hazard statement(s) :

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H331: Toxic if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H410: Very toxic to aquatic life with long lasting effects.
EUH 071: Corrosive to the respiratory tract.

Precautionary statement(s) :

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P260: Do not breathe mist/vapours/spray.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
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 this product and its container in a hazardous or special waste collection centre, compliant with local, regional, national and/or international regulations.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable as this involves a mixture.

3.2. Mixtures

Chemical nature of the mixture : SLIGHTLY ACID LIQUID

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Substance(s)	CAS number(s)	EINECS number(s)	index	No registration REACH	Classification according to Regulation (EC) 1272/2008	SCL M-factor ATE	Type
10% <= Glutaraldehyde < 20%	111-30-8	203-856-5	605-022-00-X	Biocidal active substance, regarded as already registered	Acute Tox. 3 (oral) H301 Acute Tox. 2 (inhalation) H330 Skin Corr. 1B H314 Resp. Sens. 1 H334 STOT SE 3 H335 Skin Sens. 1A H317 Aquatic Acute 1 H400 Aquatic Chronic 2 H411 EUH 071	0.5% ≤ C < 5% STOT SE 3 H335 C ≥ 5% M Factor (Acute) 1	(1) (12)
5% <= Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides < 10%	68424-85-1	270-325-2		Biocidal active substance, regarded as already registered	Skin Corr. 1B H314 Acute Tox. 4 (oral) H302 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	M Factor (Acute) 10 M Factor (Chronic) 1	(1)
0.1% <= acetic acid < 0.5%	64-19-7	200-580-7	607-002-00-6	01-2119475328-30	Flam. Liq. 3 H226 Skin Corr. 1A H314	C ≥ 90% Skin Corr. 1A H314 25% ≤ C < 90% Skin Corr. 1B H314 10% ≤ C < 25% Skin Irrit. 2 H315 10% ≤ C < 25% Eye Irrit. 2 H319	(2)

Type

- (1) : Substance classified as hazardous for health and/or the environment
 (2) : Substance with an exposure limit at the work station.
 Substance of very high concern candidate for the authorisation procedure:
 (3) : Substance considered as PBT (persistent, bioaccumulable, toxic)
 (4) : Substance considered as vPvB (very persistent, very bioaccumulable)
 (5) : Substance considered as carcinogenic category 1A
 (6) : Substance considered as carcinogenic category 1B
 (7) : Substance considered as mutagenic category 1A
 (8) : Substance considered as mutagenic category 1B
 (9) : Substance considered as reprotoxic category 1A
 (10) : Substance considered as reprotoxic category 1B
 (11) : Substance considered as endocrine disrupter
 (12) : Other substance considered hazardous to health or the environment
 (N) : Nanomaterial

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General indications:

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Take the contaminated clothes and shoes off immediately. Wash them before wearing them again.
In case of faintness , get medical advice/attention. Show this safety data sheet to the doctor.

In the event of inhalation :

Bring to fresh air.

Put into practice respiratory help procedure if needed and get medical advice immediately.

If breathing is difficult, a qualified person must administer oxygen.

In the event of contact with the skin :

Take off immediately all contaminated clothing.

Wash immediately with plenty of water for 15 minutes at least.

Immediately call a POISON CENTER or doctor/physician.

In the event of contact with the eyes :

Rinse at once with a soft stream of water for at least 15 minutes, eyes wide open.

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

Immediately call a POISON CENTER or doctor/physician.

In the event of ingestion :

Rinse mouth.

Do NOT induce vomiting.

Send to hospital.

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

Skin contact : Corrosive : Causes severe burns.

May cause sensitization by skin contact.

Eye contact : Causes serious eye damage.

Ingestion : Harmful if swallowed.

Causes severe burns in mouth and digestive tract.

Risk of perforating digestive tracts.

Inhalation : Corrosive to the respiratory tract.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Toxic if inhaled.

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

Treatments : Symptomatic treatment

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media :

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Waterspray.
Foam, powder, carbon dioxide.

Unsuitable extinguishing media :
High pressure water jet

5.2. Special hazards arising from the substance or mixture

Viroshield + is non-flammable.
However, combustion can produce carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Wear independent respiratory equipment and protective suit.
Collect contaminated firefighting water separately, must not be discharged into the drains.
Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel :

Evacuate non-essential staff and those not equipped with individual protection apparatus.
Remove all incompatible substances.

6.1.2. For emergency responders :

Evacuate the personnel to a safe location.
Keep people upwind and away from the location of the flow/leak.
Use personal protection equipment.

6.2. Environmental precautions

Intervention limited to trained staff.
Do not discharge the product directly to sewer or to environment.
Take as soon as possible all incompatible materials away.

6.3. Methods and material for containment and cleaning up

Small spillage :
Pump in a reservoir of help.

Large spillage :
Mark out, soak up with an inert absorbant and pump in an emergency tank.
Never return spills in original containers for re-use.
Keep in suitable, properly labelled and closed containers for disposal.

6.4. Reference to other sections

Respect protective measures presented at heading 8.
Refer to section 13 for the elimination.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin, eyes and clothing.
Do not inhale vapour, aerosols, mist.
Do not eat, drink or smoke in work area. Avoid projections during use.
Do not mix with strong bases or strong acids.
Do not mix with strong oxidizing agents.
Operate in a well ventilated place.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Storage :

Keep only in original packaging.
Keep in a clean, cool and well-ventilated place away from sources of heat and intense light.
Keep away from incompatible matters (see heading 10).
Keep container closed.
Reacts with copper, aluminium, zinc and their alloys.
Keep away from products sensitive to acids.

7.2.2. Packaging or wrapping materials :

High density polyethylene recommended.

7.3. Specific end use(s)

Viroshield + is for use as a biocide.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values :

Substance	CAS number	Country	Type	Value	Unit	Comments	source
Glutaraldehyde	111-30-8	GBR	OEL 8h	0,05	ppm		International limit values for chemical agents
				0,2	mg/m ³		International limit values for chemical agents
			OEL Short term	0,05	ppm		International limit values for chemical agents
				0,2	mg/m ³		International limit values for chemical agents
acetic acid	64-19-7	GBR	OEL 8h	10	ppm		International limit values for chemical agents
				25	mg/m ³		International limit values for chemical agents
			OEL Short term	20	ppm	15 minutes average value	International limit values for chemical agents
				50	mg/m ³	15 minutes average value	International limit values for chemical agents

8.2. Exposure controls

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According to the requirements of Directive 98/24 /EC, the employer is required to conduct a risk assessment and implement appropriate risks management measures.

* For any situation where the absence of risk is not proven, he must consider the substitution or reduction of risk by improving in priority processes used and collective protection measures. The effectiveness of the solutions implemented will be checked by measurement in comparison to the statutory limit values for substances defined in Section 8.1.

* If the risk remains after these corrective actions, he must always check by routinely measuring compliance with regulatory OEL if they exist in section 8.1 and apply all the individual protective measures given in section 8.2.

* When formalized risk assessment indicates a low risk to workers' health, control of compliance with regulatory OEL may not be considered and all individual protection measures is not always mandatory.

8.2.1. Appropriate engineering controls :

Plan for suction of the vapours or sprays at their source of emission, as well as general ventilation of the premises.

Apply the necessary technical measures to comply with the professional exposure limit values.

8.2.2. Individual protection measures, such as personal protective equipment :

Eye/face protection :

Use safety glasses or facial screen in conformity with the EN 166 standard.



Hand protection :

Use chemical resistant gloves approved to EN 374.

Examples of preferred materials for insulating gloves:

Butyl rubber.

Nitrile rubber.



Skin protection :

Wear boots and a protective cloth with chemical resistance.



Respiratory protection :

When exposed to the aerosols, wear a full mask compliant with standard EN 136 fitted with a filter (compliant with standard EN 143) of type:

P3: Particles, solid aerosols and liquids



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Thermal hazards :
Not applicable

Health measures :
Safety shower and eye wash fountain near to workplace.
After using, wash systematically all personal protective equipment.

8.2.3. Environmental exposure controls :
Do not discharge the product directly to sewer or to environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid
Colour	Blue
Odour	Aldehyde, Lemon
Odour threshold	Not available
Freezing point	Not available
Melting point	Not applicable
Boiling point	Not available
Flammability	Not applicable
Lower explosive limit	Not applicable
upper explosive limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
Pure pH	3.8
pH value at 10g/l	4.8±1
kinematic viscosity	Not available
Solubility	Soluble in water in all proportions
Partition coefficient: n-octanol/water	Not available
Vapour pressure	Not available
Mass density	1.03 g/cm ³
Relative density	1.03
Vapour density	Not available
Particle characteristics	Not applicable

9.2. Other information

Explosive properties	Not applicable
Oxidising properties	Not applicable
Viscosity	Not available
Evaporation rate:	Not available

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal conditions of use.

10.2. Chemical stability

Stable in the recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Avoid contact with acids, strong alkalines and oxidizing agents.

10.4. Conditions to avoid

Light, heat.

10.5. Incompatible materials

Strong acids.
Strong basis
Strong oxidizing agents.

10.6. Hazardous decomposition products

The thermal decomposition products can include carbon monoxide and carbon dioxide.

These data are given for the concentrated mixture. The use of the mixture under its diluted form must be performed in conformity with data given by the technical data sheet and the technical adviser.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) N°1272/2008

Substance-related data:

Acute toxicity

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : LD 50 - oral rat (OECD 401): > 300 - 2,000 mg/kg.
- MSDS supplier

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (50%) : LD 50 - oral rat 795 mg/kg. - MSDS supplier

Glutaraldehyde (50%) : LC 50 - inhalation - 4h rat (OECD 403): 0.28 mg/L. - aerosol - MSDS supplier

Glutaraldehyde (50%) : LD 50 - oral rat (OECD 401): 154 mg/L. - MSDS supplier

Glutaraldehyde (50%) : LD 50 - dermal rabbit (OECD 402): > 2,000 mg/kg. - MSDS supplier

Skin corrosion/irritation

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : Cutaneous contact . Corrosive.; Causes severe burns. - MSDS supplier

Sensitisation

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : Sensitisation . Not sensitising - MSDS supplier

Glutaraldehyde : Inhalation sensitisation . Sensitizing - MSDS supplier

Mutagenicity

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : (Ames test): . Not mutagenic - MSDS supplier

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Reproductive toxicity

Glutaraldehyde : Teratogenicity laboratory animals . Not teratogenic - MSDS supplier

Chronic toxicity

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : NOEC - 72h algae (OECD 201): 0.001 - 0.01 mg/L.
- MSDS supplier

Mix-related data:

Acute toxicity

LD 50 - dermal female rat (OECD 402): > 2,000 mg/kg. The product has not been tested. The information comes from structure or analogue composition products.

LD 50 - oral rat (OECD 423): > 500 mg/kg. The product has not been tested. The information comes from structure or analogue composition products.

Skin corrosion/irritation

Skin corrosivity male rat (EC B40): . Corrosive to the skin; The product has not been tested. The information comes from structure or analogue composition products.

Serious damage to eyes/eye irritation

Ocular corrosivity . Causes serious eye damage according to the criteria of Regulation 1272/2008/EC.

Respiratory / skin sensitisation

Skin sensitisation mouse (OECD 429): . The mix is considered to cause cutaneous sensitisation under Regulation 1272/2008/EC.; The product has not been tested. The information comes from structure or analogue composition products.

Respiratory sensitisation . The mix is considered to cause respiratory sensitisation under Regulation 1272/2008/EC.

Mutagenicity

. The classification criteria are not met given the available data.

Carcinogenicity

. The classification criteria are not met given the available data.

Reproductive toxicity

. The classification criteria are not met given the available data.

Specific target organ toxicity - single exposure

Respiratory tracts irritation . Corrosive for respiratory tracts; The product has not been tested. The information comes from structure or analogue composition products.

Specific target organ toxicity - repeated exposure

. The classification criteria are not met given the available data.

Aspiration hazard

. The classification criteria are not met given the available data.

Most important symptoms and effects, both acute and delayed :

Skin contact : Corrosive : Causes severe burns.
May cause sensitization by skin contact.

Eye contact : Causes serious eye damage.

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Ingestion : Harmful if swallowed.
Causes severe burns in mouth and digestive tract.
Risk of perforating digestive tracts.

Inhalation : Corrosive to the respiratory tract.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Toxic if inhaled.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties
Not concerned

SECTION 12: ECOLOGICAL INFORMATION

12.1. à 12.4. Toxicity - Persistence and degradability - Bioaccumulative potential - Mobility in soil

Substance-related data:

Acute toxicity

Glutaraldehyde : EC 50 - 48h Aquatic invertebrates (Crassostrea virginica) 0.78 mg/L. - MSDS supplier
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : LC 50 - 96h fishes 0.1 - 1 mg/L. - MSDS supplier
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : EC 50 - 48h daphnia 0.01 - 0.1 mg/L. - MSDS supplier
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides : IC 50 - 72h algae 0.01 - 0.1 mg/L. - MSDS supplier
Glutaraldehyde : LC 50 - 96h fishes (Oncorhynchus mykiss) 0.8 mg/L. - MSDS supplier
Glutaraldehyde : EC 50 - 72h algae 0.6 mg/L. - MSDS supplier

Chronic toxicity

Glutaraldehyde : NOEC - 72h algae 0.025 mg/L. - MSDS supplier

Degradability

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (100%) : Ultimate aerobic biodegradability - 28days (OECD 301 D): > 60 %. Easily biodegradable. - MSDS supplier
Glutaraldehyde : 28days (OECD 301A): 83 %. Easily biodegradable. - MSDS supplier

Bioaccumulation

Glutaraldehyde : Log Pow - 0.333 . Not bioaccumulative - MSDS supplier

Mix-related data:

Acute toxicity

fishes . Not determined
daphnia . Not determined
algae . Not determined

Chronic toxicity

. No data available.

Degradability

. The surface agents contained in this mix are in line with the requirements of the Detergent Regulation 648/2004/EC.

Bioaccumulation

. No data available.

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Mobility
. No data available.

Conclusion :
The mixture is considered to be dangerous for the environment according to 1272/2008/EC Regulation.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

12.6 Endocrine disrupting properties

Not concerned

12.7. Other adverse effects

No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Treatment of the mixture :

Do not discharge the product directly to sewer or to environment.
Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

Packaging treatment :

Rinse thoroughly the packaging with water and treat the effluent like wastes.
Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

SECTION 14: TRANSPORT INFORMATION

ROAD TRANSPORT: Rail/Route (RID/ADR)

14.1 UN no : 2922

14.2 UN proper shipping name :
CORROSIVE LIQUID, TOXIC, N.O.S (Glutaraldehyde + Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)

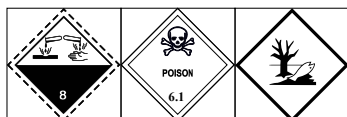
14.3 Transport hazard class(es) : 8 (6.1)

14.4 Packing group : II
Hazard identification number : 86
Label : 8 (6.1)

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Tunnel code : (E)

14.5 Environmental hazard : Yes (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides + Glutaraldehyde)

14.6 Special precautions for user : No information.

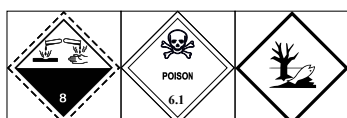
Limited Quantity (QL): 1L

MARITIME TRANSPORT : IMDG

14.1 UN no :2922

14.2 UN proper shipping name : CORROSIVE LIQUID, TOXIC, N.O.S (Glutaraldehyde + Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)

14.3 Transport hazard class(es) : 8 (6.1)



14.4 Packing group : II

14.5 Environmental hazard

Marine pollutant : Yes (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides + Glutaraldehyde)

14.6 Special precautions for user : No information.

EmS number : F-A, S-B

Limited Quantity (QL): 1L

14.7 Maritime transport in bulk according to IMO instruments : Not concerned

SECTION 15: REGULATORY INFORMATION

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

Regulation (EU) n°528/2012 concerning the making available on the market and use of biocidal products :
Active ingredient: Quaternary ammonium compounds, benzylalkyldimethyl, chlorides, Glutaral

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Regulations relating to the hazards from major accidents :
SEVESO 3 Directive (2012/18/EC) : H2 E1

Regulations relating to the classification, packaging and labelling of substances and mixtures :
Regulation (EC) 1272/2008 amended.

Waste regulations :
2008/98/EC Directive amended by 2015/1127/EC Directive - Regulation 1357/2014/EC
Decision 2014/955/EC which establishes the list of hazardous waste.

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 : Not concerned

Protection of workers :
Directive 98/24/EC of 07/04/1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EU) 2019/1021 of 20 June 2019 on persistent organic pollutants : Not applicable

Regulation (EC) 1005/2009 amended on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors:
Not concerned

Regulation (EC) 648/2004 :
Not concerned

Comply with national and local legislation.

UN Globally Harmonised System (GHS) on Classification and Labelling of Chemical (GB CLP - SI 2020 No. 1567) and UK REACH (SI 2020 No. 1577)

15.2. Chemical safety assessment

This safety data sheet has been drafted taking into account the information from exposure scenarios for the substances making up the mixture.

SECTION 16: OTHER INFORMATION

The safety data sheet is additional to the technical data sheet but does not replace it. The information given here in is to the best of our knowledge correct and is given in good faith. We must also draw the user's attention on potential risks of the product is used for other purposes for which the product is known.

In no way does it exempt users from being aware of and complying with regulations applicable to their activity. It is their sole responsibility to take all necessary precautions in accordance to the usage of the product they are aware of.

Regulations are only stated in order to help users fulfill the duties involved in the use of the product.

This description should not be considered as exhaustive. It does not exempt users from ensuring if other demands

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need to be complied with-according to other laws than the ones hereby stated and applicable to holding and usage of the product-demands for which they will remain sole responsibility.

Section(s) modified compared with the previous version :
Revision of the safety data sheet according to (EU) 2020/878 Regulation.

List of H phrases referred to in section 3 :
EUH 071 : Corrosive to the respiratory tract.
H226 : Flammable liquid and vapour.
H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H314 : Causes severe skin burns and eye damage.
H317 : May cause an allergic skin reaction.
H330 : Fatal if inhaled.
H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 : May cause respiratory irritation.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.
H411 : Toxic to aquatic life with long lasting effects.

Sources of key data used to compile the data sheet :
MSDS supplier

Historical :
Version 7.0.0
Cancels and replaces previous version 6.0.