

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

1.1. Product identifier

Product form : Mixture
 Product name : Virocid Dye Free
 Product code : 224
 Product group : Disinfectant

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

1.2.1. Relevant identified uses

Main use category : Industrial/Professional use spec
 Use of the substance/mixture : See product bulletin for detailed information

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

CID LINES NV
 Waterpoortstraat, 2
 B-8900 Ieper - Belgique
 T + 32 57 21 78 77 - F +32 57 21 78 79
sds@cidlines.com - <http://www.cidlines.com>

Importer

Best Veterinary Solutions, Inc
 1716 Detroit St
 P.O. Box 370
 IA 50075 Ellsworth - United States of America
 T 888-378-4045
<https://www.bestvetsolutions.com/>

1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency number	Comment
Canada	CANUTEC Country Organization/Company Address Emergency number Comment		(613) 996-6666	
USA	American Association of Poison Control Centers		1-800-222-1222	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Labelling according to OSHA 29 CFR 1910.1200

Flammable liquids Category 3 H226
 Acute toxicity (oral) Category 4 H302
 Acute toxicity (inhalation:vapour) Category 4 H332
 Skin corrosion/irritation Category 1B H314
 Respiratory sensitization, Category 1 H334
 Skin sensitization, Category 1 H317
 Hazardous to the aquatic environment - Acute Hazard Category 1 H400
 Full text of H statements : see section 16

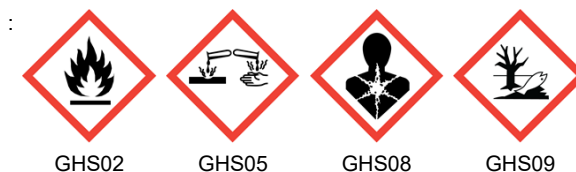
Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to OSHA 29 CFR 1910.1200

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

Hazard statements (CLP)	: H226 - Flammable liquid and vapour. H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H332 - Harmful if inhaled. H334 - May cause an allergy or asthma symptoms or breathing difficulties if inhaled. H400 - Very toxic to aquatic life. H312 - Harmful in contact with skin.
Precautionary statements (CLP)	: P280 - Wear protective gloves/protective clothing/eye protection/face protection. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P301+P330+P331+P310+P321 - IF SWALLOWED Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician. Specific treatment. P302 + P352 + P312 + P321 - IF ON SKIN Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment. P305 - IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. Specific treatment.

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	(CAS-No.) 68424-85-1 (EC-No.) 270-325-2	15 - 30	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10)
Didecyldimethylammonium chloride	(CAS-No.) 7173-51-5 (EC-No.) 230-525-2 (EC Index-No.) 612-131-00-6	5 - 15	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Glutaraldehyde	(CAS-No.) 111-30-8 (EC-No.) 203-856-5 (EC Index-No.) 605-022-00-X	5 - 15	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Resp. Sens. 1, H334 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Propan-2-ol	(CAS-No.) 67-63-0 (EC-No.) 603-117-00-0 (EC Index-No.) 200-661-7	5 - 15	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention immediately.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical advice (show the label where possible).
First-aid measures after eye contact	: Rinse immediately with plenty of water. Seek medical attention immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting because of corrosive effects. Take to hospital.

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

Symptoms/effects after inhalation	: Inhalation of vapor can cause breathing difficulties. Cough. Sore throat.
Symptoms/effects after skin contact	: Redness, pain. Causes severe skin burns and eye damage.
Symptoms/effects after eye contact	: Redness, pain. Blurred vision. Tears. Serious damage to eyes.
Symptoms/effects after ingestion	: Burning sensation. Cough. Cramps. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing a small quantity of this material will result in serious health hazard.

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Powder. Sand. Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable.

Explosion hazard : Not expected to be a fire/explosion hazard under normal conditions of use.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Corrosive vapors.

5.3. Advice for firefighters

Precautionary measures fire : Wear fire/flare resistant/retardant clothing. Eliminate all ignition sources if safe to do so.

Firefighting instructions : Use water spray or fog for cooling exposed containers.

Protection during firefighting : Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flare resistant/retardant clothing. Heat resistant gloves.

Other information : On exposure to high temperature, may decompose, releasing toxic gases.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Stop leak if safe to do so. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak, if possible without risk. Collect spillage. Use suitable disposal containers.

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : When handling product, avoid contact with skin and eyes. Wear personal protective equipment. Do not breathe vapor/aerosol. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Do not handle until all safety precautions have been read and understood. Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Store and handle as though always a serious potential fire/explosion and health hazard exists.

Storage area : Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Special rules on packaging : Gases/vapours, flammable. In use may form flammable/explosive vapour-air mixture.

Packaging materials : Keep only in original container. Keep in a cool, well-ventilated place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Glutaraldehyde (111-30-8)

Germany	TRGS 910 Acceptable concentration notes	
USA - ACGIH	ACGIH Ceiling (ppm)	0.05 ppm

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

Propan-2-ol (67-63-0)		
Germany	TRGS 910 Acceptable concentration notes	
USA - ACGIH	Biological Exposure Indices (BEI)	40 mg/l
Didecyldimethylammonium chloride (7173-51-5)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	8.6 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	18.2 mg/m ³	
PNEC (Water)		
PNEC aqua (freshwater)	0.002 mg/l Assessment factor: 10	
PNEC aqua (marine water)	0.0002 mg/l Assessment factor: 100	
PNEC aqua (intermittent, freshwater)	0.00029 mg/l Assessment factor: 100	
PNEC (Sediment)		
PNEC sediment (freshwater)	2.82 mg/kg dwt Assessment factor: 1	
PNEC sediment (marine water)	0.28 mg/kg dwt Assessment factor: 10	
PNEC (Soil)		
PNEC soil	1.4 mg/kg dwt Assessment factor: 50	
PNEC (STP)		
PNEC sewage treatment plant	0.595 mg/l Assessment factor: 10	
Glutaraldehyde (111-30-8)		
DNEL/DMEL (Workers)		
Acute - local effects, inhalation	0.5 mg/m ³	
Long-term - local effects, inhalation	0.25 mg/m ³	
PNEC (Water)		
PNEC aqua (freshwater)	0.0025 mg/l Assessment factor: 10	
PNEC aqua (marine water)	0.00025 mg/l Assessment factor: 100	
PNEC aqua (intermittent, freshwater)	0.006 mg/l Assessment factor: 100	
PNEC (Sediment)		
PNEC sediment (freshwater)	0.527 mg/kg dwt	
PNEC sediment (marine water)	0.0527 mg/kg dwt	
PNEC (Soil)		
PNEC soil	0.03 mg/kg dwt Assessment factor: 50	
PNEC (STP)		
PNEC sewage treatment plant	0.8 mg/l Assessment factor: 100	
Propan-2-ol (67-63-0)		
PNEC (Water)		
PNEC aqua (freshwater)	140.9 mg/l (Assessment factor: 1)	
PNEC aqua (marine water)	140.9 mg/l (Assessment factor: 1)	
PNEC aqua (intermittent, freshwater)	140.9 mg/l (Assessment factor: 1)	
PNEC (Sediment)		
PNEC sediment (freshwater)	552 mg/kg dwt	
PNEC sediment (marine water)	552 mg/kg dwt	
PNEC (Soil)		
PNEC soil	28 mg/kg dwt	

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

Propan-2-ol (67-63-0)					
PNEC (Oral)					
PNEC oral (secondary poisoning)		0.00016 kg/kg food (Assessment factor: 30)			
PNEC (STP)					
PNEC sewage treatment plant		2251 mg/l (Assessment factor: 1)			
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)					
DNEL/DMEL (Workers)					
Acute - systemic effects, dermal		< mg/kg bodyweight/day			
Long-term - systemic effects, dermal		5.7 mg/kg bodyweight/day			
Long-term - systemic effects, inhalation		3.96 mg/m ³			
DNEL/DMEL (General population)					
Long-term - systemic effects, oral		3.4 mg/kg bodyweight/day			
Long-term - systemic effects, dermal		3.4 mg/kg bodyweight/day			
Long-term - local effects, inhalation		1.64 mg/m ³			
PNEC (Water)					
PNEC aqua (freshwater)		0.0009 mg/l			
PNEC aqua (marine water)		0.00096 mg/l			
PNEC aqua (intermittent, freshwater)		0.00016 mg/l			
PNEC (Sediment)					
PNEC sediment (freshwater)		12.27 mg/kg dwt			
PNEC sediment (marine water)		13.09 mg/kg dwt			
PNEC (Soil)					
PNEC soil		7 mg/kg dwt			
PNEC (STP)					
PNEC sewage treatment plant		0.4 mg/l			
8.2. Exposure controls					
Materials for protective clothing:					
Condition		Material		Standard	
Good resistance:				EN14605:2005+A1:2009	
Hand protection:					
Wear suitable gloves resistant to chemical penetration					
Type	Material	Permeation	Thickness (mm)	Permeation	Standard
Reusable gloves	Polyvinylchloride (PVC)	6 (> 480 minutes)	0.5	2 (< 1.5)	EN ISO 374
Eye protection:					
Chemical goggles or face shield with safety glasses					
Type	Use	Characteristics		Standard	
Safety glasses, Safety goggles, Face shield	Droplet	clear, Plastic		EN 166	
Skin and body protection:					
If skin contact or contamination of clothing is possible, protective clothing should be worn					
Type	Standard				
	EN14605:2005+A1:2009				

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

Respiratory protection:

Appropriate dust or mist respirator should be used if airborne particles are generated when handling this material

Device	Filter type	Condition	Standard
Full face mask	ABEK-P2	Protection for Liquid particles, Vapour protection, Long term exposure	EN 132, EN 140

Personal protective equipment symbol(s):



Other information:

When using do not eat, drink or smoke. Provide local exhaust or general room ventilation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless.
Odor	: No data available
Odor threshold	: No data available
pH	: 3 - 5
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 60 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: ≈ 1 kg/l
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

In use, may form flammable/explosive vapour-air mixture.

10.2. Chemical stability

The product is stable in the test system for the test duration.

10.3. Possibility of hazardous reactions

In use, may form flammable/explosive vapor-air mixture.

10.4. Conditions to avoid

Flame. Heating. Protect from sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Release of: Flammable gases.

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Harmful if inhaled.

ATE CLP (oral)	500 mg/kg body weight
----------------	-----------------------

Didecyltrimethylammonium chloride (7173-51-5)

LD50 oral	238 mg/kg
-----------	-----------

Glutaraldehyde (111-30-8)

LD50 oral	77 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0.28 mg/l/4h

Propan-2-ol (67-63-0)

LD50 oral rat	4700 - 5500 mg/kg
LC50 inhalation rat (mg/l)	46 - 73 mg/l/4h

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)

LD50 oral	344 mg/kg
LD50 dermal	300 mg/kg

Skin corrosion/irritation : Causes severe skin burns and eye damage.
pH: 3 - 5

Serious eye damage/irritation : Eye damage, category 1, implicit
pH: 3 - 5

Respiratory or skin sensitization : May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This product contains hazardous components for the environment.
Aquatic acute : Very toxic to aquatic life.
Aquatic chronic : Not classified

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)

LC50 other aquatic organisms 1	0.03 mg/l Algae
--------------------------------	-----------------

12.2. Persistence and degradability

Virocid Dye Free

Persistence and degradability	The surfactant contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
-------------------------------	---

Propan-2-ol (67-63-0)

Biodegradation	95 %
----------------	------

12.3. Bioaccumulative potential

Virocid Dye Free

Bioaccumulative potential	No indication of bioaccumulation potential.
---------------------------	---

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

Didecyltrimethylammonium chloride (7173-51-5)

Log Kow	2.59
---------	------

Glutaraldehyde (111-30-8)

Log Kow	-0.36
---------	-------

Propan-2-ol (67-63-0)

Log Kow	0.05
---------	------

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)

Log Kow	2.96
---------	------

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
Waste treatment methods	: Dispose of this material and its container at hazardous or special waste collection point. Hazardous waste due to toxicity. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: When totally empty, containers are recyclable like any other packing. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.
Ecology - waste materials	: Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR)	: UN 1760
UN-No. (IMDG)	: UN 1760
UN-No. (IATA)	: UN 1760
UN-No. (ADN)	: UN 1760
UN-No. (RID)	: UN 1760

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde)
Proper Shipping Name (IMDG)	: CORROSIVE LIQUID, N.O.S. (CONTAINS Alkyldimethylbenzylammoniumchloride Glutaraldehyde)
Proper Shipping Name (IATA)	: CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde)
Proper Shipping Name (ADN)	: CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde)
Proper Shipping Name (RID)	: CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde)
Transport document description (ADR)	: UN 1760 CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde), 8, III, (E), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG)	: UN 1760 CORROSIVE LIQUID, N.O.S. (CONTAINS Alkyldimethylbenzylammoniumchloride Glutaraldehyde), 8, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA)	: UN 1760 CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde), 8, III, ENVIRONMENTALLY HAZARDOUS
Transport document description (ADN)	: UN 1760 CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde), 8, III, ENVIRONMENTALLY HAZARDOUS
Transport document description (RID)	: UN 1760 CORROSIVE LIQUID, N.O.S. (Alkyldimethylbenzylammoniumchloride Glutaraldehyde), 8, III, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

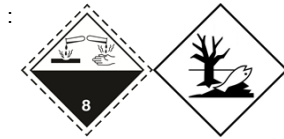
Transport hazard class(es) (ADR)	: 8
----------------------------------	-----

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

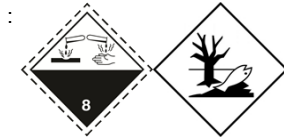
Hazard labels (ADR) : 8



IMDG

Transport hazard class(es) (IMDG) : 8

Hazard labels (IMDG) : 8



IATA

Transport hazard class(es) (IATA) : 8

Hazard labels (IATA) : 8



ADN

Transport hazard class(es) (ADN) : 8

Hazard labels (ADN) : 8



RID

Transport hazard class(es) (RID) : 8

Hazard labels (RID) : 8



14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : III

Packing group (RID) : III

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : Clean up even minor leaks or spills, if possible, without unnecessary risk

14.6. Special precautions for user

Special transport precautions : Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency, No naked flames, sparks, and do not smoke, Keep public away from danger area, NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY

Overland transport

Classification code (ADR) : C9

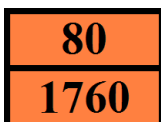
Special provision (ADR) : 274

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP1, TP28
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Hazard identification number (Kemler No.)	: 80
Orange plates	:



Tunnel restriction code (ADR) : E

Transport by sea

Special provision (IMDG)	: 223, 274
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP1, TP28
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW2
Properties and observations (IMDG)	: Causes burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y841
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 852
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 856
CAO max net quantity (IATA)	: 60L
Special provision (IATA)	: A3, A803
ERG code (IATA)	: 8L

Inland waterway transport

Classification code (ADN)	: C9
Special provision (ADN)	: 274
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: C9
Special provision (RID)	: 274
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions (RID)	: TP1, TP28
Tank codes for RID tanks (RID)	: L4BN

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 80

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Substances subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals: Didecyltrimethylammonium chloride (7173-51-5) (CAS Number).

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Other regulations, restrictions and prohibition regulations : Ensure all national/local regulations are observed. PIC Regulation EU (649/2012) - Export and Import of hazardous chemicals. {0} is subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-phrases:	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhalation) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1A	Skin sensitization, category 1A
STOT SE 3	Specific target organ toxicity (single exposure) Category 3

Virocid Dye Free

Safety Data Sheet

According to OSHA 29 CFR 1910.1200

STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H332	Harmful if inhaled
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

SDS_U

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.