



DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 4/16/2018 Revision date: 8/8/2024 Supersedes: 10/8/2019 Version: 1.3

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)
Product code : SDS VEL-134

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Disinfectant

1.3. Supplier

Veltek Associates, Inc.
15 Lee Blvd
Malvern, PA 19355-1234 USA
Telephone: +1 610-644-8335 - Fax: +1 610-644-8336
E-mail: vai@sterile.com

In Canada distributed by:
Canada Clean Room (CCR)
20 Cope Dr.
Kanata, ON K2M 2V8, Canada
Telephone: 1-(888)-595-8070

1.4. Emergency telephone number

Emergency number : CARECHEM 24: 1-215-207-0061
1-866-928-0789 (toll free USA)
Canada: 1-800-579-7421 (toll free)
Mexico: +52-55-5004-8763

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Hazardous to the aquatic environment – Chronic Hazard Category 2 H411 Toxic to aquatic life with long lasting effects
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Hazard statements (GHS US) : H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (GHS US) : P273 - Avoid release to the environment.
P391 - Collect spillage.
P501 - Dispose of contents/container to an authorized waste collection point.

2.3. Other hazards which do not result in classification

No additional information available

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
2-methylpentane-2,4-diol (hexylene glycol)	CAS-No.: 107-41-5	0.08 - 0.25	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Isopropanol	CAS-No.: 67-63-0	0.06 - 0.11	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Biphenyl-2-ol (ortho-phenylphenol)	CAS-No.: 90-43-7	0.04 - 0.08	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Clorofene (ortho-benzyl-para-chlorophenol)	CAS-No.: 120-32-1	0.04 - 0.08	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351 Repr. 2, H361 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,2',2''-nitrilotriethanol	CAS-No.: 102-71-6	0.01 - 0.04	Not classified
Benzenesulfonic acid, C10-16-alkyl derivs.	CAS-No.: 68584-22-5	0.01 - 0.04	Eye Irrit. 2A, H319

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.
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. If symptoms develop, obtain medical attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. If symptoms develop, obtain medical attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Do not give an unconscious person anything to drink. Wash out mouth with water and give 100-200 ml of water to drink. If symptoms develop, obtain medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
------------------	--

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Carbon dioxide (CO₂). Dry powder. Water.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Explosion hazard : On heating, there is a risk of bursting due to internal pressure build-up. Use water for cooling exposed containers.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus when in close proximity to fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate area. Avoid contact with skin and eyes. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Use chemically protective clothing.
Emergency procedures : Ventilate area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Avoid contact with skin and eyes.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in original container. Keep container tightly closed. Store in a well-ventilated place. Keep cool.
Incompatible materials	: Oxidizing agents. Reducing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-methylpentane-2,4-diol (hexylene glycol) (107-41-5)

USA - ACGIH - Occupational Exposure Limits

Local name	Hexylene glycol
ACGIH TWA (ppm)	25 ppm (V - Vapor fraction)
ACGIH OEL STEL	10 mg/m ³ (I - Inhalable particulate matter, H - Aerosol only)
ACGIH STEL (ppm)	50 ppm (V - Vapor fraction)
Remark (ACGIH)	TLV® Basis: Eye & URT irr
Regulatory reference	ACGIH 2024

Isopropanol (67-63-0)

USA - ACGIH - Occupational Exposure Limits

Local name	2-Propanol
ACGIH TWA (ppm)	200 ppm
ACGIH STEL (ppm)	400 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2024

USA - ACGIH - Biological Exposure Indices

Local name	2-Propanol
BEI (BLV)	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
Regulatory reference	ACGIH 2024

USA - OSHA - Occupational Exposure Limits

Local name	Isopropyl alcohol
OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA PEL TWA	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

2,2',2''-nitrilotriethanol (102-71-6)

USA - ACGIH - Occupational Exposure Limits

Local name	Triethanolamine
ACGIH TWA (mg/m ³)	5 mg/m ³
Remark (ACGIH)	Eye & skin irr

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2,2',2''-nitrilotriethanol (102-71-6)

Regulatory reference	ACGIH 2024
----------------------	------------

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear chemically resistant protective gloves. Gloves should be removed and replaced if there are any signs of degradation or breakthrough. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Wear goggles or safety glasses with side shields if contact with the eyes is possible

Skin and body protection:

Long sleeved clothing

Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazard protection:

Not required for normal conditions of use.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear.
Color	: Amber
Odor	: Alcohol
Odor threshold	: No data available
pH	: 3 – 4.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: ≈ 100 °C
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: ≈ 1 (Water = 1)
Solubility	: Water: Miscible
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Explosion limits : No data available
Explosive properties : Not explosive.
Oxidizing properties : Not oxidizing.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7).

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Under fire conditions closed containers may rupture or explode.

10.4. Conditions to avoid

Extremely high or low temperatures. Direct sunlight.

10.5. Incompatible materials

Oxidizing agents. Reducing agents.

10.6. Hazardous decomposition products

Fire may produce irritating, corrosive and/or toxic gases. Chlorine. Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-methylpentane-2,4-diol (hexylene glycol) (107-41-5)

LD50 oral, rat	> 2000 mg/kg (OECD 420 method)
LD50 dermal, rabbit	> 2000 mg/kg (OECD 402 method)
LC50 inhalation, rat (mg/l)	> 60 ml/m ³ - 8 Hours

Isopropanol (67-63-0)

LD50 oral, rat	5840 mg/kg
LD50 dermal, rat	16.4 ml/kg
LC50 inhalation, rat (ppm)	> 10000 ppm - 6 Hours

Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)

LD50 oral, rat	2733 mg/kg Source: ECHA registration data
LD50 dermal, rabbit	> 2000 mg/kg Source: ECHA registration data
LC50 inhalation, rat (mg/l)	> 949 mg/m ³ - 1 Hours

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Clorofene (ortho-benzyl-para-chlorophenol) (120-32-1)	
LD50 oral, rat	4147 mg/kg (OECD 401 method)
LD50 dermal, rat	> 2000 mg/kg (OECD 402 method)
LC50 inhalation, rat (mg/l)	2.5 mg/l - 4 Hours (OECD 403 method)
2,2',2''-nitrilotriethanol (102-71-6)	
LD50 oral, rat	4200 – 11300 mg/kg
LD50 dermal, rat	> 2000 mg/kg (OECD 402 method)
Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5)	
LD50 oral, rat	> 5000 mg/kg (OECD 401 method) (Read-across)
Skin corrosion/irritation	: Not classified pH: 3 – 4.5
2,2',2''-nitrilotriethanol (102-71-6)	
pH	10.5
Serious eye damage/irritation	: Not classified pH: 3 – 4.5
2,2',2''-nitrilotriethanol (102-71-6)	
pH	10.5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Isopropanol (67-63-0)	
IARC group	3 - Not classifiable
Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)	
IARC group	3 - Not classifiable
2,2',2''-nitrilotriethanol (102-71-6)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
Isopropanol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.
Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Clorofene (ortho-benzyl-para-chlorophenol) (120-32-1)	
STOT-repeated exposure	May cause damage to organs (kidneys) through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information

12.1. Toxicity

2-methylpentane-2,4-diol (hexylene glycol) (107-41-5)

LC50 fish	8510 mg/l - 96 Hours (Gambusia affinis)
EC50 Daphnia	2800 mg/l 48 Hours (Ceriodaphnia sp.)
NOEC chronic algae	429 mg/l - 72 Hours (Raphidocelis subcapitata) (OECD 201 method)

Isopropanol (67-63-0)

LC50 fish	9640 mg/l
EC50 Daphnia	> 10000 mg/l - 48 Hours (Daphnia magna)
NOEC chronic algae	1800 mg/l - 7 days (Scenedesmus quadricauda)

Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)

LC50 fish	4.5 mg/l - 96 Hours (Danio rerio)
EC50 Daphnia	1.5 mg/l
EC50 72h - Algae [1]	5 mg/l
ErC50 algae	3.57 mg/l - 72 Hours (Pseudokirchneriella subcapitata, Growth rate), (OECD 201 method)
NOEC (chronic)	0.009 mg/l - 21 days (Daphnia magna, reproduction), (OECD 211 method)
NOEC chronic fish	0.036 mg/l - 21 days (Pimephales promelas, reproduction)
NOEC chronic algae	0.468 mg/l - 72 Hours (Pseudokirchneriella subcapitata, Growth rate), (OECD 201 method)

Clorofene (ortho-benzyl-para-chlorophenol) (120-32-1)

LC50 fish	1.5 mg/l - 96 Hours (Danio rerio)
EC50 Daphnia	0.655 mg/l - 48 Hours (Daphnia magna)(OECD 202 method)
EC50 - Other aquatic organisms [1]	0.089 mg/l - 96 Hours (Americamysis bahia)(EPA OPPTS 850.1035)
ErC50 algae	0.435 mg/l - 72 Hours (Navicula pelliculosa, Growth rate)(OCSPP 850.4500)
ErC50 other aquatic plants	0.155 mg/l - 96 Hours (Skeletonema costatum, Growth rate)((OECD 201 method)
NOEC chronic fish	0.0095 mg/l - 30 days (Danio rerio) (OECD 210 method)
NOEC chronic crustacea	0.0067 mg/l - 21 days (Daphnia magna, reproduction)

2,2',2''-nitrioltriethanol (102-71-6)

LC50 fish	11800 mg/l
EC50 Daphnia	609.98 mg/l
EC50 72h - Algae [1]	216 mg/l - 72 Hours (Desmodesmus subspicatus, Growth rate)(DIN 38412, 9)
ErC50 algae	169 mg/l
NOEC (acute)	16 mg/l 21 days - Daphnia magna
NOEC chronic crustacea	16 mg/l - 21 days (Daphnia magna)

Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5)

LC50 fish	> 10000 mg/l 96h (OECD 203 method) - Cyprinodon variegatus
EC50 Daphnia	> 1000 mg/l 48h - Daphnia magna

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5)	
EC50 96h - Algae [1]	> 1000 Raphidocelis subcapitata

12.2. Persistence and degradability

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)	
Persistence and degradability	Not established.

2-methylpentane-2,4-diol (hexylene glycol) (107-41-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	81 % 28d (OECD 301F method)

Isopropanol (67-63-0)	
Persistence and degradability	Readily biodegradable.
Biochemical oxygen demand (BOD)	1.19 g O ₂ /g substance - 5 days (Test method EU C.5)
Chemical oxygen demand (COD)	2.23 g O ₂ /g substance (Test method EU C.6)
Biodegradation	53 % - 5 days

Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)	
Persistence and degradability	Readily biodegradable.
Biodegradation	70.8 – 75.7 % - 28 days (OECD 301B method)

Clorofene (ortho-benzyl-para-chlorophenol) (120-32-1)	
Persistence and degradability	Inherently biodegradable, Not readily biodegradable.

2,2',2"-nitrioltriethanol (102-71-6)	
Persistence and degradability	Rapidly degradable.
Additional information	(marine water) ∴ Not readily biodegradable

Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5)	
Persistence and degradability	Not readily biodegradable.
Chemical oxygen demand (COD)	8 % ThOD 28d (OECD 301D method)

12.3. Bioaccumulative potential

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)	
Bioaccumulative potential	No information available.

2-methylpentane-2,4-diol (hexylene glycol) (107-41-5)	
Log Pow	0.58 Source: HSDB
Log Kow	≤ 3
Bioaccumulative potential	Low bioaccumulation potential.

Isopropanol (67-63-0)	
Log Pow	0.05 (25°C)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)	
BCF - Fish [1]	21.7 (Danio rerio)
Log Pow	3.09
Bioaccumulative potential	Not expected to bioaccumulate.
Clorofene (ortho-benzyl-para-chlorophenol) (120-32-1)	
Log Pow	4.18
Bioaccumulative potential	No significant bioaccumulation potential (OECD 305).
2,2',2''-nitrotriethanol (102-71-6)	
BCF - Fish [1]	3.9 l/kg (OECD 305 method) - Cyprinus carpio
Log Pow	-1.59
Bioaccumulative potential	Bioaccumulation unlikely.
Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5)	
Log Pow	2
Bioaccumulative potential	Not expected to bioaccumulate.
12.4. Mobility in soil	
DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)	
Ecology - soil	Miscible with water.
2-methylpentane-2,4-diol (hexylene glycol) (107-41-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.001
Ecology - soil	Not expected to adsorb to soil.
Isopropanol (67-63-0)	
Ecology - soil	Miscible with water.
Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.4 – 2.6 (20 °C)
Clorofene (ortho-benzyl-para-chlorophenol) (120-32-1)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.43 (OECD 121 method)
2,2',2''-nitrotriethanol (102-71-6)	
Ecology - soil	Expected to adsorb to soil.
Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5)	
Mobility in soil	1064

12.5. Other adverse effects

Other information : Avoid release to the environment.

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

DOT NA No : Not applicable
UN-No. (TDG) : Not regulated
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not regulated
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

TDG
Transport hazard class(es) (TDG) : Not regulated

IMDG
Transport hazard class(es) (IMDG) : Not regulated

IATA
Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not regulated
Packing group (IMDG) : Not regulated
Packing group (IATA) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

Special transport precautions : DO NOT TRANSPORT - This dilution of product is an on-site dilution in water by the user according to product label directions. It is not supplied nor transported in commerce at this dilution. This dilution is classified as dangerous for transport. Details of this transport classification have not been provided, as the diluted form of this product shall not be transported. See SDS DCY-98-01 for hazards of undiluted product.

DOT
No data available

TDG
Not regulated

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
2-methylpentane-2,4-diol (hexylene glycol)	107-41-5	Present	Active	
Isopropanol	67-63-0	Present	Active	
Biphenyl-2-ol (ortho-phenylphenol)	90-43-7	Present	Active	
Clorofene (ortho-benzyl-para-chlorophenol)	120-32-1	Present	Active	
2,2',2"-nitrioltriethanol	102-71-6	Present	Active	
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	Present	Active	

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Isopropanol	CAS-No. 67-63-0	0.06 - 0.11%
Biphenyl-2-ol (ortho-phenylphenol)	CAS-No. 90-43-7	0.04 - 0.08%

15.2. International regulations

CANADA

Isopropanol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

Biphenyl-2-ol (ortho-phenylphenol) (90-43-7)

Listed on the Canadian DSL (Domestic Substances List)

Benzenesulfonic acid, C10-16-alkyl derivs. (68584-22-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

15.3. US State regulations

WARNING: This product can expose you to , which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
2-methylpentane-2,4-diol (hexylene glycol)(107-41-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Isopropanol(67-63-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Biphenyl-2-ol (ortho-phenylphenol)(90-43-7)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
2,2',2"-nitrilotriethanol(102-71-6)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 8/8/2024
Data sources : US OSHA HazCom (GHS) 25 May 2012.
Other information : This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law (FIFRA). These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. Physical hazards: On basis of test data. Health hazards: On basis of test data & Calculation method. Environmental hazards: On basis of test data & Calculation method.

Full text of H-phrases	
H225	Highly flammable liquid and vapor
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
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

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

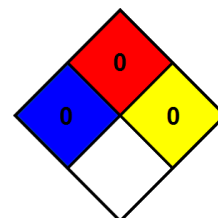
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Abbreviations and acronyms	
	ACGIH (American Conference of Government Industrial Hygienists)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	DNEL (Derived No Effect Level)
	EC50 (Effective Concentration 50%)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	OECD (Organisation for Economic Co-operation and Development)
	OSHA (Occupational Safety and Health Administration) (US)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	STEL (Short Term Exposure Limit)
	TSCA (Toxic Substances Control Act) (US)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating
Health : 0 Minimal Hazard - No significant risk to health
Flammability : 0 Minimal Hazard - Materials that will not burn
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection : B - Safety glasses, Gloves

Indication of changes:			
Section	Changed item	Change	Comments
1	Identification	Modified	No additional information available
3	Composition/Information on ingredients	Modified	No additional information available
5	Fire fighting measures	Modified	No additional information available

DECON-CYCLE® II (0.4 - 0.8% Dilution after mixing)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6	Accidental release measures	Modified	No additional information available
7	Handling and storage	Modified	No additional information available
8	Exposure controls / Personal protection equipment	Modified	No additional information available
10	Stability and reactivity	Modified	No additional information available
11	Toxicological information	Modified	No additional information available
12.	Ecological information	Modified	No additional information available
13	Disposal considerations	Modified	No additional information available
14	Transport information	Modified	No additional information available
15	Regulatory information	Modified	No additional information available
16	Other information	Modified	No additional information available

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Veltek Associates, Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Veltek Associates, Inc. accepts no liability for loss or damage resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

This SDS has been translated into the official language of the country/region in which the product is to be placed on the market. Where no official translation exists, the regulatory text is reported in English, as it appears in the relevant regulatory text.