SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : DECON-QUAT® 100
Product code : SDS DQ-98-01

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Disinfectant/Sanitizer
Restrictions on use : For professional use only

1.4. Supplier's details

Veltek Associates, Inc.
15 Lee Blvd
Malvern, PA 19355-1234 USA
Telephone: +1 610-644-8335
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

1.5. Emergency phone 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 Identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Hazardous to the aquatic environment — Chronic Hazard, Category 1	H410	Very toxic to aquatic life with long lasting effects.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H315 - Causes skin irritation
H318 - Causes serious eye damage
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS US) : P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear eye protection, protective gloves, protective clothing.
P302+P352 - IF ON SKIN: Wash with plenty of water
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 doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P313 - If skin irritation occurs: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
P501 - Dispose of an authorized waste collection point to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : 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. The hazard information required on the pesticide label is provided in Section 16 of this SDS.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	CAS-No.: 68391-01-5/53516-76-0	4 - 6	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	CAS-No.: 85409-23-0/68956-79-6	4 - 6	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ethanol, ethyl alcohol	CAS-No.: 64-17-5	1 - < 3	Flam. Liq. 2, H225 Eye Irrit. 2A, H319

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

SECTION 4 First aid measures

4.1. Description of necessary 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. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact : Immediately remove contaminated clothing or footwear. Rinse skin with plenty of water or shower. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse immediately with plenty of water (for at least 15 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. Ensure that folded skin of eyelids is thoroughly washed with water. Obtain immediate medical attention.

First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Give 100 - 200 ml of water to drink. If symptoms develop, obtain medical attention.

4.2. Most important symptoms/effects, acute and delayed

Potential Adverse human health effects and symptoms : Causes serious eye damage. Causes skin irritation. May be harmful in contact with skin. Inhalation of vapors may cause respiratory irritation. Ingestion may cause irritation of the gastrointestinal tract. May be harmful if swallowed.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

Fire hazard : Not flammable. Fire may produce irritating, corrosive and/or toxic gases. Hydrogen cyanide. Nitrogen oxides. Carbon monoxide. Carbon dioxide. Hydrogen chloride.

Hazardous decomposition products in case of fire : Nitrogen oxides. Carbon monoxide. Carbon dioxide. Hydrogen chloride.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water courses.

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

For non-emergency personnel

Emergency procedures : Ventilate area. Do not get in eyes, on skin, or on clothing. Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Use chemically protective clothing.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leak, if possible without risk. Dam up the liquid spill.
Methods for cleaning up : Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Collect spillage. Store away from other materials.

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. Do not get in eyes, on skin, or on clothing.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Comply with applicable regulations.
Incompatible materials : Strong acids. Strong oxidizing agents. anionic surfactants. Strong alkalis.
Specific end uses : Disinfectant/Sanitizer. Product for industrial use only.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

ethanol, ethyl alcohol (64-17-5)	
USA - ACGIH® - Threshold Limit Values	
Local name	Ethanol
ACGIH® TLV® STEL	1880 mg/m³
ACGIH STEL (ppm)	1000 ppm
Remark (ACGIH®)	URT irr
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl alcohol (Ethanol)
OSHA PEL (TWA) (mg/m³)	1900 mg/m³
OSHA PEL TWA	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Canada (Alberta) - Occupational Exposure Limits	
Local name	Ethanol (Ethyl alcohol)
OEL TWA	1880 mg/m³
OEL TWA	1000 ppm
Regulatory reference	Alberta Regulation 191/2021

ethanol, ethyl alcohol (64-17-5)	
Canada (Quebec) - Occupational Exposure Limits	
Local name	Ethyl alcohol (Ethanol)
VECD (OEL STEV)	1000 ppm
Notations and remarks	C3
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Ethanol
OEL STEL	1000 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Ethanol
OEL STEL	1880 mg/m³
OEL STEL	1000 ppm
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	Ethanol
OEL STEL	1000 ppm
Notations and remarks	URT irr
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Ethanol
OEL STEL	1880 mg/m³
OEL STEL	1000 ppm
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Ethanol
OEL STEL	1880 mg/m³
OEL STEL	1000 ppm
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Ethanol
OEL TWA	1000 ppm

ethanol, ethyl alcohol (64-17-5)	
OEL STEL	1250 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Ethanol
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-090-2024)
Canada (Ontario) - Occupational Exposure Limits	
Local name	Ethanol
OEL TWAEV	1000 ppm
Regulatory reference	Occupational Health and Safety Act, R.S.O. 1990, c. O.1 - R.R.O. 1990, Reg. 833: Control of exposure to biological or chemical agents
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Ethanol
OEL STEL	1880 mg/m³
OEL STEL	1000 ppm
Notations and remarks	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Ethanol
OEL TWA	1000 ppm
OEL STEL	1250 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation to minimize dust and/or vapor concentrations. Emergency eye wash stations should be available in the immediate vicinity of any potential exposure.

Environmental exposure controls : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure. Wear suitable protective clothing.

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

Eye protection:
Chemical goggles or face shield

Skin and body protection:
Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact

Respiratory protection:
In case of inadequate ventilation: Use an approved air purifying respirator to control exposure. Follow respirator protection requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Thermal hazard protection:

Not required for normal conditions of use.

Other information:

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Colorless to straw-colored liquid.
Color	:	Colorless to straw yellow
Odor	:	Organic
Odor threshold	:	No data available
pH	:	6 – 8
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	> 100 °C
Flash point	:	Not flammable
Flammability (solid, gas)	:	Not flammable.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	1 (25 °C)(Water = 1)
Density	:	1 g/cm³
Solubility	:	Water: Miscible
Log Pow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	2.035 mm²/s (24 °C)
Explosion limits	:	No data available
Explosive properties	:	Not explosive.
Oxidizing properties	:	Not oxidizing.
Particle characteristics	:	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

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

None known.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong alkalis. Oxidizing agents. anionic surfactants.

10.6. Hazardous decomposition products

Nitrogen oxides. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Hydrogen chloride.

SECTION 11 Toxicological information

Likely routes of exposure : Inhalation. Skin and eye contact.

11.1. Information on toxicological effects

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

DECON-QUAT® 100	
LD50 oral, rat	> 2500 mg/kg
LD50 dermal, rabbit	> 2000 mg/kg

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5/53516-76-0)	
LD50 oral, rat	430 mg/kg
LD50 dermal, rat	3560 mg/kg
ATE US (oral)	430 mg/kg body weight
ATE US (dermal)	3560 mg/kg body weight

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0/68956-79-6)	
LD50 oral, rat	344 mg/kg body weight
LD50 dermal, rabbit	1150 mg/kg (OECD 402 method)
ATE US (oral)	344 mg/kg body weight
ATE US (dermal)	1150 mg/kg body weight

ethanol, ethyl alcohol (64-17-5)	
LD50 oral, rat	10470 mg/kg (95% Aqueous solution)(OECD 401 method)
LC50 inhalation, rat (mg/l)	124.7 mg/l - 4 Hours, vapors (OECD 403 method)
LC50 inhalation, rat (Vapors - mg/l/4h)	116.9 mg/l Source: ECHA
ATE US (oral)	10470 mg/kg body weight
ATE US (vapors)	124.7 mg/l/4h
ATE US (dust, mist)	124.7 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
pH: 6 – 8

ethanol, ethyl alcohol (64-17-5)	
pH	7 Source: chemicalbook

Serious eye damage/irritation : Causes serious eye damage.
pH: 6 – 8

ethanol, ethyl alcohol (64-17-5)	
pH	7 Source: chemicalbook

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

ethanol, ethyl alcohol (64-17-5)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

DECON-QUAT® 100	
Viscosity, kinematic	2.035 mm²/s (24 °C)

Potential Adverse human health effects and symptoms : Causes serious eye damage. Causes skin irritation. May be harmful in contact with skin. Inhalation of vapors may cause respiratory irritation. Ingestion may cause irritation of the gastrointestinal tract. May be harmful if swallowed.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short–term (acute) : Not classified.
Hazardous to the aquatic environment, long–term (chronic) : Very toxic to aquatic life with long lasting effects. Not classified.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5/53516-76-0)	
LC50 fish	0.515 mg/l (Lepomis macrochirus)
NOEC chronic crustacea	0.0042 mg/l (Daphnia)

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0/68956-79-6)	
LC50 fish	≈ 1.06 mg/l - 96 Hours (Oncorhynchus mykiss)(OECD 203 method)
EC50 Daphnia	≈ 0.015 mg/l - 48 Hours (Daphnia magna)(OECD 202 method)
EC50 72h - Algae [1]	≈ 0.026 mg/l - 72 Hours (Pseudokirchneriella subcapitata, Growth rate)(OECD 201 method)
EC50 72h - Algae [2]	≈ 0.019 mg/l - 72 Hours (Pseudokirchneriella subcapitata, Biomass)(OECD 201 method)
NOEC chronic fish	0.0322 mg/l - 28 days (Pimephales promelas)(U.S. EPA FIFRA 72-4(a))
NOEC chronic crustacea	≥ 0.00415 mg/l - 21 days (Daphnia magna)(U.S. EPA FIFRA 72-4(b))

ethanol, ethyl alcohol (64-17-5)	
LC50 fish	14200 mg/l - 96 Hours (US EPA method E03-05) (Pimephales promelas)
LC50 fish 2	15300 mg/l - 96 Hours (US EPA method E03-05) (Pimephales promelas)

ethanol, ethyl alcohol (64-17-5)	
LC50 - Other aquatic organisms [2]	5012 mg/l - 48 Hours (Ceriodaphnia dubia)
ErC50 algae	275 mg/l - 72 Hours (Chlorella vulgaris), (OECD 201 method)
NOEC (chronic)	280 mg/l - 7 days (EPA OTS 797.1160) (Lemna gibba, number of plants)
NOEC chronic fish	250 mg/l - 120 Hours (Danio rerio), (OECD 212 method)
NOEC chronic crustacea	9.6 mg/l - 10 days (Ceriodaphnia dubia, reproduction)
EC10, algae	11.5 mg/l (72 Hours, Chlorella vulgaris (OECD 201 method))

12.2. Persistence and degradability

DECON-QUAT® 100	
Persistence and degradability	Not established.

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5/53516-76-0)	
Persistence and degradability	Not established.

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0/68956-79-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	95.5 % - 28 days (Activated sludge)(OECD 301B method)

ethanol, ethyl alcohol (64-17-5)	
Persistence and degradability	Readily biodegradable.
Chemical oxygen demand (COD)	1.99 g O2/g substance
Biodegradation	≈ 74 % (10 days, O2 consumption)

12.3. Bioaccumulative potential

DECON-QUAT® 100	
Bioaccumulative potential	Not expected to bioaccumulate.

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0/68956-79-6)	
Bioconcentration factor (BCF REACH)	79 (Lepomis macrochirus)(EPA OPP 165-4)
Bioaccumulative potential	Low bioaccumulation potential.

ethanol, ethyl alcohol (64-17-5)	
Log Pow	-0.35 (24 °C, pH: 7.4), (OECD 107 method)
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

DECON-QUAT® 100	
Ecology - soil	Miscible with water.

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0/68956-79-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	6.21 (U.S. EPA N 163-1)

ethanol, ethyl alcohol (64-17-5)	
Ecology - soil	Miscible with water.

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

Other information : Avoid release to the environment.

SECTION 13 Disposal considerations

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal. The correct waste code must be determined by the producer of the waste, based on how the waste has been produced.
Additional information : Handle empty containers with care.
Ecology - waste materials : Avoid release to the environment.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

UN-No. (DOT) : UN3082
UN-No. (TDG) : UN3082
UN-No. (IMDG) : 3082
UN-No. (IATA) : 3082

14.2. UN Proper Shipping Name

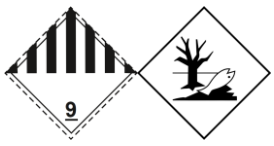
Proper Shipping Name (DOT) : Environmentally hazardous substances, liquid, n.o.s.
Proper Shipping Name (TDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides)
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s. (Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides)

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : 9
Hazard labels (DOT) : 9



TDG
Transport hazard class(es) (TDG) : 9
Hazard labels (TDG) : 9



IMDG

Transport hazard class(es) (IMDG) : 9

Hazard labels (IMDG) : 9



IATA

Transport hazard class(es) (IATA) : 9

Hazard labels (IATA) : 9



14.4. Packing group

Packing group (DOT) : III

Packing group (TDG) : III

Packing group (IMDG) : III

Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes



Other information : IMDG 2.10.2.7: Marine Pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5lt or less for liquids or having a net mass per single or inner packaging of 5kg or less for solids are not subject to any other provisions of this Code relevant to marine pollutants provided the packagings meet the general requirements of 4.1.1.1, 4.1.1.2, and 4.1.1.4 to 4.1.1.8. In the case of marine pollutants also meeting the criteria of inclusion in another hazards class all provisions of the Code relevant to any additional hazards continue to apply.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

Special transport precautions : The product is not classified for transport based upon the results of a Corrositex test, which found the product to not be corrosive, DOT
§ 171.4(2): Single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass of 5 kg or less for solids, are not subject to any other requirements of this subchapter provided the packagings meet the general requirements in §§ 173.24 and 173.24a.

IMDG
2.10.2.7: Marine Pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5lt or less for liquids or having a net mass per single or inner packaging of 5kg or less for solids are not subject to any other provisions of this Code relevant to marine pollutants provided the packagings meet the general requirements of 4.1.1.1, 4.1.1.2, and 4.1.1.4 to 4.1.1.8. In the case of marine pollutants also meeting the criteria of inclusion in another hazards class all provisions of the Code relevant to any additional hazards continue to apply

IATA
A197: These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of these Regulations provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

DOT

UN-No. (DOT) : UN3082

DOT Special Provisions (49 CFR 172.102) : 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description “Other regulated substances, liquid or solid, n.o.s.”, as appropriate. In addition, for solid materials, special provision B54 applies.
146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.
173 - An appropriate generic entry may be used for this material.
335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as “Environmentally hazardous substances, solid, n.o.s,” UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 155

DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	No Limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	No Limit
DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.

TDG

UN-No. (TDG)	:	UN3082
TDG Special Provisions	:	16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be offered for transport, handled or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport. (2) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.
Explosive Limit and Limited Quantity Index	:	5 L
Excepted quantities (TDG)	:	E1
Emergency Response Guide (ERG) Number	:	171

IMDG

EmS-No. (Fire)	:	F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	:	S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS

IATA

Special provision (IATA)	:	A97, A158, A197, A215
PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y964
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	964
PCA max net quantity (IATA)	:	450L
CAO packing instructions (IATA)	:	964
CAO max net quantity (IATA)	:	450L

ERG code (IATA) : 9L

SECTION 15 Regulatory information

15.1. Federal regulations

DECON-QUAT® 100	
SARA Section 311/312 Hazard Classes	Health hazard - Skin corrosion or Irritation Health hazard - Serious eye damage or eye irritation

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	CAS-No. 85409-23-0/68956-79-6	4 - 6%

15.2. International regulations

CANADA

ethanol, ethyl alcohol (64-17-5)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

ethanol, ethyl alcohol (64-17-5)
Listed on IARC (International Agency for Research on Cancer) Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
ethanol, ethyl alcohol(64-17-5)	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

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024) and according to SOR/2015-17, Hazardous Products Regulations (HPR) with its amendment Regulation SOR/2022-272

Revision date : 6/4/2026

Issue date : 4/14/2011

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 (10324-63-68959) and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO. The pesticide label also includes other important information, including directions for use. Canada DIN #02368390. In Canada, this product is a drug product registered with Health Canada.

Full text of hazard classes and H-statements	
H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

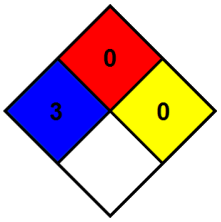
Abbreviations and acronyms	
	ACGIH (American Conference of Government Industrial Hygienists)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	DNEL (Derived No Effect Level)
	EC50 (Effective Concentration 50%)
	IARC (International Agency for Research on Cancer)
	IATA (International 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)

Abbreviations and acronyms	
	vPvB (very Persistent and very Bioaccumulative)

NFPA health hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

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 : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

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 : C - Safety glasses, Gloves, Synthetic apron

Indication of changes:		
Section	**Changed item**	**Comments**
1	Supplier	**Modified**
2	Hazards identification	**Modified**
3	Composition/Information on ingredients	**Modified**
4	First aid measures	**Modified**
5	Fire fighting measures	**Modified**
6	Accidental release measures	**Modified**
7	Handling and storage	**Modified**
8	Exposure controls / Personal protection equipment	**Modified**
9	Physical and chemical properties	**Modified**
10	Stability and reactivity	**Modified**
11	Toxicological information	**Modified**
12.	Ecological information	**Modified**
13	Disposal considerations	**Modified**
14	Transport information	**Modified**
15	Regulatory information	**Modified**
16	Other information	**Modified**

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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.