



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome® Consan® 20

SECTION 1: Identification

Product identifier

Product name Ferti-lome® Consan® 20

Product number 10390

Other means of identification

EPA# 58044-3-7401

Supplier's details

Name Voluntary Purchasing Groups, Inc.
Address 230 FM 87
Bonham, TX 75418
USA

Telephone 855-270-4776

Emergency phone number(s)

In the event of a medical or chemical emergency contact ChemTel, Inc.
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

SECTION 2: Hazard identification

Classification of the substance or mixture

- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Acute toxicity, oral (chapter 3.1), Cat. 1
- Eye damage/irritation (chapter 3.3), Cat. 2A

GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H290

May be corrosive to metals

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H400 Very toxic to aquatic life
H319 Causes serious eye irritation

Precautionary statement(s)

P102 Keep out of reach of children.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P391 Collect spillage.
P501 Dispose of contents/container to ...
P264 Wash ... thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

Substances

Other names / synonyms: Liquid Algaecide/Fungicide

Hazardous components

Component	Concentration
Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (CAS no.: 68956-79-6)	Not specified
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (CAS no.: 68391-01-5)	Not specified

Trade secret statement (OSHA 1910.1200(i))
CONSAN®

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice Call a poison control center or doctor for treatment advice. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur, seek medical attention immediately.

If inhaled Move person to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.

In case of skin contact Wash skin with soap and plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

In case of eye contact Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

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If swallowed

Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.

Personal protective equipment for first-aid responders

Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Foam, carbon dioxide, dry chemical, or water fog.

Specific hazards arising from the chemical

Corrosive

Special protective actions for fire-fighters

Cool fire-exposed containers with spray. Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6: Accidental release measures

Environmental precautions

Prevent product spillage from entering drinking water supplies or streams.

Methods and materials for containment and cleaning up

Remove ignition sources. Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material moved into containers and disposed of by approved methods for hazardous wastes.

SECTION 7: Handling and storage

Precautions for safe handling

Keep out of reach of children. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or clothing. Wear protective eyewear (goggles or face shield), rubber gloves and protective clothing. Avoid breathing spray mists. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Conditions for safe storage, including any incompatibilities

Keep from freezing. Store in original container only in a cool, well-ventilated, dry place at temperatures above 40oF. Do not store near food or feeds. Do not stack pallets more than two (2) high. Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL.

Individual protection measures, such as personal protective equipment (PPE)

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Eye/face protection

Safety glasses or goggles (ANSI Z87.1 1979)

Skin protection

PVC or Neoprene gloves

Body protection

Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

Respiratory protection

NIOSH/MSHA approved for protection

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Colorless to light straw in color liquid
Odor	benzaldehyde
Odor threshold	
pH	7.0
Melting point/freezing point	
Initial boiling point and boiling range	>212°F
Flash point	
Evaporation rate	<1.0
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	>1.0
Relative density	8.26 lbs./gal
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

Chemical stability

Stable

Possibility of hazardous reactions

Polymerization: Will not occur

Incompatible materials

Avoid contact with strong oxidizers or reducing agents.

SECTION 11: Toxicological information

Information on toxicological effects

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Skin corrosion/irritation

May cause burning, redness or swelling. Prolonged or repeated exposure can cause dermatitis.

Serious eye damage/irritation

Corrosive. Liquid and mists may damage eyes causing corneal injury.

Respiratory or skin sensitization

Inhalation: Not a significant hazard under normal use conditions.

Germ cell mutagenicity

Not available.

Carcinogenicity

Not available.

STOT-single exposure

Ingestion: May be irritating. Large doses can cause vomiting and diarrhea.

SECTION 12: Ecological information

Toxicity

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters.

SECTION 13: Disposal considerations

Disposal of the product

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

SECTION 14: Transport information

DOT (US)

Not Regulated

IMDG

Not Regulated

IATA

Not Regulated

SECTION 15: Regulatory information

Chemical Safety Assessment

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

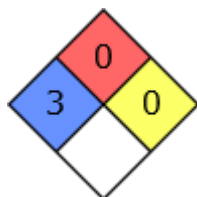
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HMIS Rating

Ferti-lome® Consan® 20	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

Voluntary Purchasing Groups, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.