

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers

Product Name : CattZilla
Synonyms : None
Product Form : Liquid

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

Identified uses : Adjuvant for chemical treatments of cattails, bulrush, and similar plants

1.3 Details of the supplier of the safety data sheet

Company : Naturalake Biosciences
2310 Daniels St.
Madison WI 53718
USA
Telephone: : +1 888-757-9575
Monday-Friday
7:30am-4:00pm CST

1.4 Emergency telephone number

Emergency Phone# : Chemtrec +1 800-424-9300

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Respiratory sensitization (Category 1)

Eye damage/irritation (Category 1)

Skin corrosion/irritation (Category 3)

2.2 GHS Label elements, including precautionary statements

Pictogram:



Signal Word : Danger

Hazard Statement(s) : Causes serious eye damage. Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statement(s) : Avoid breathing dust/mist/vapor/spray. Wear protective gloves/protective clothing/eye protection/face protection. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Do not eat, drink, or smoke while handling.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Components

Component	Cas-No.	Concentration %	OSHA PEL	ACGIH TLV
Proprietary Proteins Compounds	N/A	5-7%	N/A	N/A
Bacteria Cultures	N/A	2-4%	N/A	N/A
Pelargonic Acid	112-05-0	2-4%	N/A	N/A
Non-Ionic Surfactant	9002-93-1	1-3%	N/A	N/A

Ingredients not precisely identified are proprietary or non-hazardous. Product formulation consists of listed materials, non-hazardous ingredients, and naturally occurring microorganisms.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

If concerned consult a physician.

In case of skin contact

Wash exposed area with soap and water. Get medical attention if irritation develops and persists.

In case of eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

If Inhaled

Remove to fresh air. If difficulties breathing develop, seek medical attention.

If Ingested

May cause nausea or diarrhea, drink plenty of water.

4.2 Most important symptoms and effects both acute and delayed

Serious eye damage or allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation persists.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water, water spray, foam, carbon dioxide (CO₂), or dry powder.

Unsuitable extinguishing media

None

5.2 Special hazards arising from the substance or mixture

None

5.3 Special protective equipment for firefighters

No special protective equipment required.

5.4 Further Information

Flash Point (°C) : No data available

Autoignition temperature (°C) : No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

No special precautions required. Wear adequate personal protective equipment.

6.3 Method and materials for clean up

Maintain good housekeeping practices. Can be washed away with water. No special disposal method required, except that it be in accordance with current local, state/provincial and federal regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear personal protection equipment.

7.2 Conditions for safe storage

Risks

Not at risk for corrosion, fire, explosion, or chemical reaction.

Place of storage

Store in a cool, dry space between 50-80°F. Keep out of direct sunlight.

Fire/explosion protection

None needed

7.3 Specific end use

None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Components with work place parameters

None

8.2 Exposure controls

Engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment

Eye/face protection : Protective glasses are recommended

Skin **Hand:** Gloves are recommended

Other: Wear appropriate clothing for work

Respiratory protection : Respirator is recommend if prolonged exposure expected

Thermal protection : None

Environmental exposure : None

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance : Light brown liquid

Odor : Slight fermentation

Solubility : Highly soluble

Boiling point : 212°F

pH : 4-5

Vapor density : No data available

Melting point : No data available

Vapor pressure : No data available

Specific Gravity : 1.05 g/cc

9.2 Other information : None

10. STABILITY AND REACTIVITY

10.1 Reactivity : None

10.2 Chemical Stability : Stable

10.3 Possibility of hazardous reactions : None

10.4 Conditions to avoid : Avoid storing with incompatible materials.

10.5 Incompatible materials : Strong acids or bases, acids or alkalis may break down enzymes and inactivate bacterial cultures.

10.6 Hazardous decomposition products : None

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity : No known effects

Skin corrosion/irritation : Can cause mild skin irritation

Eye damage/irritation : Can cause serious eye damage

Respiratory/skin sensitization : Ingredients have been known to cause allergic reactions
CMR(Carcinogenity, Mutagenicity, Reproductive toxicity): No known effects

12.ECOLOGICAL INFORMATION

Test Species	Toxicity Value Type	Toxicity Value	Toxivity Value Units	Exposure
<i>Ceriodaphnia dubia</i>	LC50	884.37	mg/L	48 hours
<i>Pimephales promelas</i>	LC50	657.09	mg/L	96 hours

- 12.1 **Toxicity** : No known information available
12.2 **Persistence and degradability** : No known information available
12.3 **Biaacumulative potential** : No known information available
12.4 **Mobility in soil** : No known information available
12.5 **Results of PBT and vPvB assessment** : No known ecological information available

13.DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product and packaging can be disposed of in regular trash. No special disposal method required.
Follow all applicable local laws for recycling, bagging, and disposal of trash.

14. TRANSPORTATION INFORMATION

- 14.1 **UN NUMBER** : Not relevant
14.2 **UN proper shipping name** : Not relevant
14.3 **Transportation hazard class** : Not classified as dangerous
14.4 **Packing group** : Not relevant
14.5 **Environmental hazards** : None
14.6 **Special precautions** : None
14.7 **Further Information** : None

15.REGULATORY INFORMATION

Sara/Title III – CERCLA LIST of Hazardous Substances and Reportable Quantities (40CFR304.4): This product **does not** contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304

Sara/Title III – List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 300 & 305): This product **does not** contain an ingredient(s) listed as an extremely hazardous substances (EHS) for Emergency Planning under sections 301-303 and for Emergency Release Notification under section 304.

Sara/Title III – List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372): This product **does not** contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313.

16. OTHER INFORMATION

The information in this SDS was obtained from sources which we believe to be reliable. However, the information is provided without any warranty expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself.

This SDS was prepared and is to be used only for this product. No representation, warranty, or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness. We assume no responsibility for any loss, damage or expense direct or consequential arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.