



Safety Data Sheet

Liquid Crothix

December 26, 2018

Section 1: Chemical Product and Company Identification

Product name: Liquid Crothix
Contact Info: Bramble Berry Inc.
2138 Humboldt Street
Bellingham, WA 98225
info@brambleberry.com
www.brambleberry.com
1-877-627-7883

Emergency Phone Number: Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

GHS Classification: Not a hazardous substance or mixture.

GHS Label Element: Not a hazardous substance or mixture.

Other hazards which do not result in classification:

May irritate skin
May irritate eyes
Ingestion may cause irritation to mucous membranes
May cause irritation of respiratory tract

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture

Hazardous Ingredients: No hazardous ingredients

Section 4: First Aid Measures

If inhaled: If breathed in, move person to fresh air. If symptoms persist, call a physician.

In case of skin contact: Wash off with soap and plenty of water. If symptoms persist, call a physician.

In case of eye contact: Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.



If **swallowed**: If large quantities of this material are swallowed, call a physician immediately.

Section 5: Fire-Fighting Measures

Flash point: Not applicable.

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: High volume water jet.

Specific hazards during firefighting: Do not use a solid water stream as it may scatter and spread fire. Do not allow run-off from firefighting to enter drains or water courses.

Specific extinguishing methods: Standard procedure for chemical fires.

Further information: Use water spray to cool unopened containers.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Ensure adequate ventilation.

Methods and materials for containment and cleaning up:
Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Section 7: Handling and Storage

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage: Store in original container. Keep container tightly closed in a dry and well-ventilated place.

Materials to avoid: No special restrictions on storage with other products.

Section 8: Exposure Controls/Personal Protection

Ingredients with workplace control parameters:
No data available.
Contains no substances with occupational exposure limits.

Personal protective equipment:

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection remarks: For prolonged or repeated contact use protective gloves.

Eye protection: Safety glasses.

Skin and body protection: Impervious clothing.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance: Liquid

Color: Clear

Odor: Characteristic

Odor Threshold: No data available

pH: 6.0, 3% aqueous solution of isopropanol

Melting point: No data available

Boiling point/range: 126.7 C (260.1 F)

Decomposition temperature: No data available

Flash point: Not applicable

Evaporation rate: Not applicable

Vapor pressure: <31.9 hPa (25 C)

Relative density: 1.08 (23 C)

Density: No data available

Soluble in: Water

Thermal decomposition: No data available

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: None known.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: In case of fire hazardous decomposition products may be produced such as Carbon oxides.

Section 11: Toxicological Information

Acute toxicity:

Product:

Acute oral toxicity: LD50 Oral Rat: >5,000 mg/kg

Test substance: 25%
Remarks: No mortality observed at this dose.

Skin corrosion/irritation:

Product:

Result: No skin irritation
Method: EpiDerm Skin Model
Test substance: 25%

Result: No skin irritation
Method: Patch test on human volunteers did not demonstrate irritating properties
Test substance: 25%

Result: No skin irritation
Method: Patch test on human volunteers did not demonstrate irritating properties
Test substance: 100%

Serious eye damage/irritation:

Product:

Species: Rabbit eye
Result: No eye irritation
Method: Draize Test

Respiratory or skin sensitization:

Product:

Species: Humans
Result: Patch test on human volunteers did not demonstrate sensitization properties.
Method: Patch test 24 hours

Germ cell mutagenicity:

Product:

Germ cell mutagenicity assessment: Not mutagenic in Ames Test.

Carcinogenicity:

Product:

Remarks: This information is not available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration toxicity: No data available.



Section 12: Ecological Information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Section 13: Disposal Conditions

Disposal Methods:

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport Information

Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations.

Section 15: Regulatory Information

SARA 311/312 Hazards: No SARA hazards.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations:

Pennsylvania Right to Know:

NJTSN 08306620-11050P		40-60%
Water	7732-18-5	20-40%
Glycerides, C8-10 momo-, di-, and tri-, ethoxylated	308067-11-0	15-35%

New Jersey Right to Know:

NJTSN 08306620-11050P		40-60%
Water	7732-18-5	20-40%
Glycerides, C8-10 momo-, di-, and tri-, ethoxylated	308067-11-0	15-35%

California Prop 65

WARNING! This product contains a chemical known in the State of California to cause cancer.

1,4-dioxane	123-91-1
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BRAMBLE BERRY

HANDCRAFT PROVISIONS

Ethylene oxide 75-21-8

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

Ethylene oxide 75-21-8

The ingredients of this product are reported in the following inventories:

TSCA This product either contains a chemical substance that is not listed on the public TSCA inventory or the TSCA inventory status of the product has not been evaluated. For FDA uses only.

REACH On the inventory, or in compliance with the inventory

AICS On the inventory, or in compliance with the inventory

NZIoC On the inventory, or in compliance with the inventory

PICCS On the inventory, or in compliance with the inventory

IECSC On the inventory, or in compliance with the inventory

CH INV The mixture contains substances listed on the Swiss inventory.

Section 16: Other Information

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representing of warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and design.