

SAFETY DATA SHEET

Revision date 11-Jan-2023

Revision Number 1

1. Identification

Product identifier

Product Name Frankenstein

Other means of identification

Product Code(s) FG00251

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Flavors

Restrictions on use This product is concentrated and should be diluted before use. Do not use with tobacco or nicotine products. Users should conduct and determine their own safety standards for use. This product has not been evaluated for safe use in any vaping application where the products are intentionally inhaled. It's the users responsibility to ensure safe conditions for use, handling, storage, disposal of the product, and to assume liability for loss, injury, damage, or expense due to improper use. Do not use product if you are pregnant, nursing, or a person with or at risk of health conditions including but not limited to: heart disease, high blood pressure, diabetes, respiratory illness, or if you are taking medicine for depression or asthma. Stop use and consult your doctor if any adverse reactions occur. This product is not intended to diagnose, treat, cure or prevent any disease.

Details of the supplier of the safety data sheet

Initial supplier identifier

Xtra Laboratories LLC
3121 S. Park Dr
Tempe, AZ 85282
Telephone 480-968-6569

Supplier Address

Xtra Laboratories LLC
3121 S. Park Dr
Tempe, AZ 85282
Telephone 480-968-6569

Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC - 24hr Emergency Phone number USA 800-424-9300

Emergency Telephone No information available

2. Hazard(s) identification

Classification

Appearance Clear/Yellow Liquid
Label elements

Physical state Liquid

Odor Characteristic Odor

Hazard statements

Other information

No information available.

3. Composition/information on ingredients

Substance

[illegible]

4. First-aid measures

Description of first aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical name		ACGIH TLV		OSHA PEL		NIOSH			
Trade secret		dermal sensitizer TWA: 20 ppm		-		-			
Chemical name		Alberta		British Columbia		Ontario		Quebec	
Trade secret		TWA: 20 ppm TWA: 111 mg/m³		TWA: 20 ppm Dermal Sensitizer		TWA: 20 ppm		TWA: 20 ppm TWA: 112 mg/m³	

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Hand protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Appearance Clear/Yellow Liquid
Color Clear/Yellow
Odor Characteristic Odor
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	.86	None known
Water solubility	No data available	None known
Solubility in other solvents	OIL	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
<u>Other information</u>		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening point	No information available	
Molecular weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk density	No information available	

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Acute toxicity**Numerical measures of toxicity**

No information available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Trade secret	= 6330 mg/kg (Rat)	-	-
Trade secret	= 2790 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	-
Trade secret	= 3700 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
Trade secret	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Trade secret	> 5 g/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade secret	EC50: =88.3mg/L (96h, <i>Desmodesmus subspicatus</i>)	LC50: =27.8mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	EC50: =20mg/L (48h, <i>Daphnia magna</i>)
Trade secret	-	LC50: =0.28mg/L (96h, <i>Pimephales promelas</i>)	-	LC50: =41mg/L (48h, <i>Daphnia magna</i>)
Trade secret	-	LC50: =22mg/L (96h, <i>Danio rerio</i>)	-	-
Trade secret	-	LC50: 1.3 - 1.58mg/L (96h, <i>Pimephales promelas</i>) LC50: 1.4 - 2.2mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	-

Persistence and degradability No information available.

Bioaccumulation No information available.

Chemical name	Partition coefficient
Trade secret	2.84 - 3.1
Trade secret	4.1

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

14. Transport information

DOT Not regulated

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status.

Chemical name	CAS No	US TSCA Inventory listing	US TSCA inactive/active designation
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	Present	Active

Chemical name	CAS No	US TSCA Inventory listing	US TSCA inactive/active designation
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	Present	Active
Trade secret	-	Present	Active
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	Present	Active
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
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Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	Present	Active
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *
Trade secret	-	Present	Active
Trade secret	-	Present	Active
Trade secret	-	Present	Active
Trade secret	-	-	Unknown *
Trade secret	-	-	Unknown *

DSL/NDL
EINECS/ELINCS
ENCS
IECSC
KECL
PICCS
AICS

Contact supplier for inventory compliance status.
 Contact supplier for inventory compliance status.
 Contact supplier for inventory compliance status.
 Contact supplier for inventory compliance status.
 Contact supplier for inventory compliance status.
 Contact supplier for inventory compliance status.
 Contact supplier for inventory compliance status.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Trade secret	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and chemical properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
 Ceiling Maximum limit value * Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal

Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 11-Jan-2023

Revision Note No information available.

Disclaimer

It is the user's responsibility to ensure safe conditions for use, handling, storage, and disposal of the product, and to assume liability for loss, injury, damage, or expense due to improper use. Xtra Laboratories cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. Xtra Laboratories has performed no testing on these products in vaping applications. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the handling, use, processing, storage, transportation, and disposal. It is the sole responsibility of the individual(s) purchasing this product to assess its safety in the final application. The above information is based on data provided by and collected from recognized sources and is considered to be accurate to the best of Xtra Laboratories' knowledge based upon current information as of the date of this document.

End of Safety Data Sheet