

SAFETY DATA SHEET

Joy Blast



Revision Date: 29 June 2022

Revision Number: HCS 2012 1.2

1. IDENTIFICATION

Product name: Joy Blast
CAS-No.: Not available
Other identification means:
Synonyms: None
Recommended use: Automatic-dishwasher pods
Uses advised against: None - use as directed on the label

Company Identification

Company: Itaconix Corporation
Address: 2 Marin Way,
Stratham, NH 03885, USA
Telephone: +1 (603) 775-4400
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2. HAZARD(S) IDENTIFICATION

Classification according to GHS and HCS 2012

Note: this mixture has not been tested, but by scientific review of each ingredient, the classification is likely to be:

Serious Eye Irritation, Cat 2
Respiratory Sensitizer, Cat 1

Labelling according to GHS and HCS 2012

Hazard pictogram:



Signal Words:

Danger, Warning

Hazard Statement:

H319 – Serious eye irritation Category 2 – Causes serious eye irritation
H334 – Respiratory Sensitizer Category 1 – May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements:

P280: Wear protective gloves/protective clothing/eye protection.
P264: Wash hands thoroughly after handling
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P285: In case of inadequate ventilation wear respiratory 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.

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P337+P313: If eye irritation persists: Get medical advice/attention.

P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Other hazards

<0.1% of the substance contains unknown impurities

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description: Substances leading to classification of Joy Blast:

Ingredient name	Concentration	Product Identifier	Classification
Sodium carbonate	20-40%	CAS no: 497-19-8 EC no: 207-838-8	H319 Serious Eye irritation Cat 2
Disodium carbonate, compound with hydrogen peroxide (2:3)	15-25%	CAS no: 15630-89-4 EC no: 239-707-6	H319 Serious Eye irritation Cat 2 H302 Acute tox Cat 4 H272 Oxidising solid Cat 3
Protease preparation	0-5%	N/A Proprietary preparation	H315 Causes skin irritation Cat 2 H412 Harmful to aquatic life with long lasting effects Cat 3 H318 Causes serious eye damage Cat 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled Cat 1
Amylase preparation	0-2%	N/A Proprietary preparation	H319 Serious Eye irritation Cat 2 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled Cat 1
Silicic acid, sodium salt	1-5%	CAS no: 1344-09-8 EC No: 215-687-4	H318 Causes serious eye damage Cat 1 H315 Causes skin irritation Cat 2 H302 Acute Tox Cat 4

4. FIRST AID MEASURES

Description of First Aid measure

General advice: Consult a doctor if any symptoms develop. Show this safety data sheet to the doctor in attendance.

If inhaled: In case of serious inhalation of dust, remove patient to fresh air, allow to rest and keep warm.

In case of prolonged skin contact: Remove contaminated clothing and shoes. Wash clothing and clean shoes before reuse. Wash off with soap and plenty of water.

In case of eye contact: If possible, remove contact lenses. Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. Consult a doctor or physician.

If swallowed: DO NOT induce vomiting. Rinse mouth out and then drink plenty of water.

Most important symptoms and effects, both acute and delayed

Serious eye irritation, skin irritation and respiratory sensitization but, to the best of our knowledge, all of the chemical, physical, and toxicological properties of the product have not been thoroughly investigated

Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE FIGHTING MEASURES**Extinguishing media**

Suitable extinguishing media: use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special hazards arising from the substance or mixture

Carbon oxides

Precautions for fire-fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

The product is intended for consumer use. Wash hands after handling or wear gloves. In the event of burning product, avoid breathing vapors, mist or gas.

Methods and materials for containment and cleaning up

Do not let excess product enter drains. Sweep up powder and place in suitable, closable container for safe disposal. For protective clothing see Section 8. For disposal see section 13

7. HANDLING AND STORAGE**Precautions for safe handling**

Normal measures as prevention against fire. Minimize exposure to dust in accordance with good industrial practices. Wash hands thoroughly after handling and wear appropriate PPE.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed to avoid contamination. Store in a cool place. Keep out of reach of children and pets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: The product is intended for consumer use. Wash hands after handling. Keep out of the reach of children and pets.

INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS: Workplace control parameters are not available for this mixture.

Exposure controls: The product is intended for consumer use. Wash hands after handling. Keep out of the reach of children and pets.

Personal protective equipment: The product is intended for consumer use. Wash hands after handling. Keep out of the reach of children and pets.

For industrial use: Eye and hand protection, laboratory lab coat or overalls. Always check applicability with your supplier of protective equipment.

Respiratory protection: Not required, ensure good ventilation

Eye/face protection: Appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR §1910.133 or European Standard EN166.

Hand protection: Handling with gloves is recommended. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of 29 CFR §1910.138 or European Standard EN 374. Butyl rubber may be suitable. (Break-through times can vary depending on thickness, use and source. Change gloves regularly.)

Skin protection: Laboratory coat or overalls recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	3-chambered, colored dishwasher pod
b) Odor	Citrus scent
c) Odor Threshold	Not applicable
d) pH*	9.5 - 10.5 (10% aq sol'n)*
e) Melting point/freezing point	No data available
f) Boiling point	No data available
g) Flash point	Not applicable
h) Evaporation Rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/Lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) specific gravity	No data available
n) Water solubility	Highly water soluble
o) Partition coefficient: n-octanol/water	No data available
p) Auto ignition temperature	No data available
q) Decomposition temperature	No data available
r) Bulk density*	No data available
s) Explosive properties	No ingredients have these properties
t) Oxidizing properties	No data available

* Internal test protocol

10. STABILITY AND REACTIVITY

Reactivity

Reacts with water.

Chemical stability

Stable product under recommended storage and handling conditions

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat (avoid temperatures greater than 90°C/195°F), flames.

Incompatible materials

Acids. Keep dry.

Hazardous decomposition products

Hazardous decomposition products may be formed under fire conditions e.g. Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

No data is available on the mixture – where not available, data based on individual components or read-across is considered:

(a) acute toxicity	Not tested but based on available data, the classification criteria are not met.
(b) skin corrosion/irritation	Not tested but based on available data, the classification criteria are not met.
(c) serious eye damage/irritation	Not tested but based on the available data, mixture is likely to cause serious eye irritation, Cat 2 (H319)
(d) respiratory or skin sensitization	Not tested but based on available data, mixture may cause allergy, asthma symptoms or breathing difficulties (H334). The classification criteria for skin sensitization is not likely to be met.
(e) germ cell mutagenicity	Not tested but based on available data, the classification criteria are not met.
(f) carcinogenicity	Not tested but based on available data, the classification criteria are not met.
(g) reproductive toxicity	Not tested but based on available data, the classification criteria are not met.
(h) STOT-single exposure	Not tested but based on available data, the classification criteria are not met.
(i) STOT-repeated exposure	Not tested but based on available data, the classification criteria are not met.

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(j) aspiration hazard

Not tested but based on available data, the classification criteria are not met.

Likely routes of exposure: Contact with eyes and by inhalation.**Potential health effects:** Serious eye irritation and respiratory sensitization but, to the best of our knowledge, not all of the chemical, physical, and toxicological properties have been thoroughly investigated.**Symptoms related to the physical, chemical and toxicological characteristics:** Serious eye irritation and respiratory sensitization but, to the best of our knowledge, not all of the chemical, physical, and toxicological properties have been thoroughly investigated.**Delayed and immediate effects as well as chronic effects from short and long-term exposure:** Serious eye irritation and respiratory sensitization but, to the best of our knowledge, not all of the chemical, physical, and toxicological properties have been thoroughly investigated.**Additional Information:** None**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not tested but not expected to be hazardous to the environment.

Persistence and degradability

No data available.

Bio accumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

None known. Calculations according to the precepts of GHS show this product not to be classified as hazardous to aquatic life.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of large quantities as hazardous waste in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Treat as hazardous waste. Burn in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable product to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Avoid release to the environment.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport under international or DOT regulations.

UN number None

UN proper shipping name None

Transport hazard class(es) None

Packing group None

Environmental hazards None

Special precautions for user None

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

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15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation for the substance or mixture**

All components of Joy Blast are listed or pending on the TSCA inventory. In addition, all components of Joy Blast comply with REACH Regulation (EC) No 1907/2006.

16. OTHER INFORMATION

Version number	HCS 2012 1.2
Date prepared	29 June 2022
Supersedes Version	1.1
Nature of revision	Product name modification

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 §CFR 1910.1200.

The above information is believed to be correct at the time of preparation but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

End of document.

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