

BRULIN FLOOR NEUTRALIZER

Product number: 121006



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name BRULIN FLOOR NEUTRALIZER
Product number 121006
Company information Brulin & Company, Inc.
P.O. Box 270
Indianapolis, IN 46206 US
www.Brulin.com
Emergency CHEMTREC 1-800-424-9300
General information Phone: 317-923-3211
Fax: 317-925-4596

2. Hazards Identification

Emergency overview This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Potential health effects
Eyes Severely irritating; if not removed promptly, will injure eye tissue, which may result in permanent damage.
Skin Moderate skin irritation
Inhalation Inhalation of mist causes irritation of respiratory system.
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Citric Acid	77-92-9	< 10
Non-hazardous and other components below reportable levels		< > 90
Composition comments The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200. No dangerous ingredients according to Directive 2001/58/EC		

4. First Aid Measures

First aid procedures
Eye contact Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention.
Skin contact Wash with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Ingestion Give several glasses of water. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.
Inhalation Move to fresh air. Get medical attention, if needed.
General advice In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. Fire Fighting Measures

Flammable properties None known.
Extinguishing media
Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental Release Measures

Personal precautions Do not touch or walk through spilled material.
Environmental precautions Prevent further leakage or spillage if safe to do so.

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Methods for containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Methods for cleaning up	Never return spills in original containers for re-use. Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). After removal flush contaminated area thoroughly with water.

7. Handling and Storage

Handling	Keep container closed. Avoid contact with skin and eyes. Wash hands after handling and before eating.
Storage	Keep container tightly closed. Store in cool place. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Personal protective equipment	
Eye / face protection	Wear as appropriate: safety glasses with side-shields or face-shield or goggles.
Skin protection	Rubber gloves.
Respiratory protection	Under normal conditions, respirator is not normally required. If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Appearance	clear liquid
Color	Clear colourless-light yellow
Odor	mild citrus
Odor threshold	Not available.
Form	Liquid.
pH	1.8
Freezing point	307.4 °F (153 °C) estimated
Boiling point	212 °F (100 °C)
Flash point	> 212 °F (> 100 °C) Pensky-Martens Closed Cup
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor density	Not available.
Specific gravity	1.044
Solubility (water)	Not available.
VOC	0 %

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Do not freeze.
Incompatible materials	Incompatible with strong bases and oxidizing agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.
Possibility of hazardous reactions	Will not occur.

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11. Toxicological Information

Acute effects Acute LD50: 30000 mg/kg, Rat, Oral

12. Ecological Information

Ecotoxicity None known.

13. Disposal Considerations

Waste codes D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel]

Disposal instructions Dispose in accordance with all applicable regulations.

Contaminated packaging Triple rinse containers. Can be offered for recycling, re-conditioning or puncture.

14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. Regulatory Information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - Yes

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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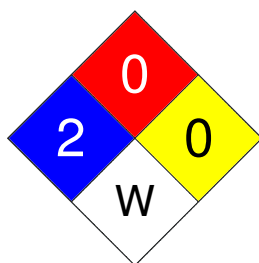
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16. Other Information

HMIS rating

Health	/ 2
Flammability	0
Physical Hazard	2
Personal Protection	B

NFPA codes



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

Product and Company Identification: Alternate Trade Names

This data sheet contains changes from the previous version in section(s):

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