

MasterBlend Accelerator

1	PRODUCT AND COMPANY IDENTIFICATION
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Product Identifier: MasterBlend Accelerator
Common Name: Detergent Booster
SDS Number: 01-960301
Product Code: 1121
Revision Date: 12/27/2023
Version: 1
Internal ID: X780002
Product Use: Premium Detergent Booster

Supplier Details: MasterBlend Indiana LLC
4345 W. 96th St
Indianapolis, IN 46268

Phone: (800) 525-9644
Email: info@masterblend.net
Web: www.masterblend.net
Emergency: INFOTRAC (800) 535-5053 (USA and Canada); +1 (352) 323-3500 (International)

2	HAZARDS IDENTIFICATION
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Oxidizing Solids, 2
Health, Acute toxicity, 4 Oral
Health, Acute toxicity, 5 Dermal
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 1
Environmental, Hazards to the aquatic environment - Acute, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H272 - May intensify fire; oxidizer
H302 - Harmful if swallowed
H313 - May be harmful in contact with skin
H316 - Causes mild skin irritation
H318 - Causes serious eye damage
H401 - Toxic to aquatic life

GHS Precautionary Statements:

P220 - Keep/Store away from clothing/ combustible materials.
P280 - Wear protective gloves/ eye protection/ face 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.

3	COMPOSITION/INFORMATION OF INGREDIENTS
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This material is considered hazardous by the OSHA Hazardous Communication Standard (29 CFR 1910.1200)

Chemical Ingredients

CAS#	%	Chemical Name
15630-89-4	100%	Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3)

4	FIRST AID MEASURES
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Inhalation: If symptoms develop, move victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.

Skin Contact: Promptly flush skin with water for at least 15 minutes until all chemical is removed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, removing contacts, if present, and lifting eyelids occasionally to facilitate irrigation. Seek medical attention if irritation persists

Ingestion: Do not induce vomiting unless directed by a physician. Seek immediate medical attention. Rinse mouth with water. Drink large quantities of water if person is conscious and alert. Never give water to an unconscious person.

5	FIRE FIGHTING MEASURES
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Use water spray, fog, or dry chemical
Hazardous Combustion Products: CO and CO2 are formed upon combustion

6	ACCIDENTAL RELEASE MEASURES
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Use personal protective equipment. Ventilate area and wash spill site after material pickup is complete.

Keep away from drains and ground water.

7	HANDLING AND STORAGE
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Handling Precautions: Avoid contact with eyes, skin, or clothing.
Avoid breathing dust or mist.
Do not eat, drink or smoke when using this product

Storage Requirements: Keep in a cool ventilated area. Keep container tightly closed. Keep out of reach of children

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3) cas#:(15630-89-4) [100] : No data.

Personal Protective Equipment: Personal protective equipment

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves 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.

Eye protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Crystalline solid or powder	Odor:	Neutral
Physical State:	Solid or Powder	Solubility:	water: 140 g/l; 20°C
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Particle Size:	250-1000 µm	Flash Point:	No data available
Spec Grav./Density:	No data available	Vapor Density:	No data available
Viscosity:	No data available	Auto-Ignition Temp:	No data available
Boiling Point:	No data available	UFL / LFL:	No data available
Partition Coefficient:	No data available		
Vapor Pressure:	No data available		
pH:	10.4-10.6: 140 g/l; 20°C		
Evap. Rate:	No data available		
Decomp Temp:	>75°C		

10	STABILITY AND REACTIVITY
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Reactivity:	Oxidizer
Chemical Stability:	May cause fire or explosion; strong oxidizer
Conditions to Avoid:	Avoid temperature extremes and direct sunlight Incompatible materials
Materials to Avoid:	Strong Oxidizing Agents. Strong Bases, Strong Acids; Organic materials. Combustible materials.
Hazardous Decomposition:	Spontaneous polymerisation

11	TOXICOLOGICAL INFORMATION
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Carbonic acid disodium salt, compd. with hydrogen peroxide (H2O2) (2:3) cas#:(15630-89-4) [100]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 1,034 mg/kg

Inhalation LC50 no data available

Dermal LD50 LD50 Dermal - rabbit - > 2,000 mg/kg

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Mild skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - Severe eye irritation

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion Harmful if swallowed. Skin Harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Cough, Shortness of breath, Headache, Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: FG0750000

12	ECOLOGICAL INFORMATION
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Carbonic acid disodium salt, compd. with hydrogen peroxide (H₂O₂) (2:3) cas#:(15630-89-4) [100]

Information on ecological effects

Toxicity:

Toxicity to fish LC₅₀ - Pimephales promelas (fathead minnow) - 70.7 mg/l - 96 h.

Toxicity to daphnia EC₀ - Daphnia magna (Water flea) - 2 mg/l - 48 h.
and other aquatic invertebrates

EC₅₀ - Daphnia magna (Water flea) - 4.9 mg/l - 48 h

Persistence and degradability: Bioaccumulative potential:

Does not bioaccumulate.

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Toxic to aquatic life.
no data available

13	DISPOSAL CONSIDERATIONS
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Waste treatment methods

Do not empty into drains. Avoid release into the environment.

Completely emptied packages can be recycled. Handle contaminated packages in the same manner as the substance itself.

Product: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

14	TRANSPORT INFORMATION
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UN3378, Sodium carbonate peroxyhydrate, 5.1, PG II

15	REGULATORY INFORMATION
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International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the 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 Commercial Chemical Substances/EU 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

U.S. Federal Regulations**SARA 313**

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

Clean Water Act

This product does not contain 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 one or more 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.

U.S. State Right-to-Know Regulations

This product does not contain substances regulated by state right-to-know regulations

California Proposition 65

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

16	OTHER INFORMATION
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The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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 other process, unless specified in the text.

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