

MasterBlend Magic Stain & Dye Remover

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: MasterBlend Magic Stain & Dye Remover
Common Name: Stain and dye remover
SDS Number: 02-010314
Product Code: 1852
Revision Date: 1/15/2024
Version: 2
Internal ID: X780017
Product Use: Stain and dye remover

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

Classification of the Substance or Mixture

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

Health, Acute toxicity, 4 Oral

Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H302 - Harmful if swallowed

H319 - Causes serious eye irritation

GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/ eye protection/ face protection.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 - If skin irritation occurs: Get medical advice/ attention.

P362 - Take off contaminated clothing and wash before reuse.

P501 - Dispose of contents/ container to an approved waste disposal plant.

3 COMPOSITION/INFORMATION OF INGREDIENTS

This material is considered hazardous by the OSHA Hazardous Communication Standard (29 CFR 1910.1200)

Chemical Ingredients

CAS#	%	Chemical Name
24887-06-7	>90%	Zinc, bis[(hydroxy-.kappa.O)methanesulfinato-.kappa.O]-, (T-4)-
5329-14-6	5-15%	Sulfamic acid

* The exact percentage (concentration) of composition has been withheld as a trade secret.

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: Brush off loose particles from skin. Wash with soap and water.

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, carbon dioxide (CO₂), foam or dry chemical

Unsuitable extinguishing media: Water jet as it may spread fire

Hazardous Combustion Products:

nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)

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

7	HANDLING AND STORAGE
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Handling Precautions: Measures to prevent fire as well as aerosol and dust generation.

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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: Sulfamic acid cas#:(5329-14-6) [515] : No data.

Personal Protective Equipment: Sulfamic acid cas#:(5329-14-6) [515]

Personal protective equipment

Eye/face 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 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.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:Dermatril (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:Dermatril (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

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.

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).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Sulfamic acid cas#:(5329-14-6) [515] : No data.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	White Powder	Odor:	Characteristic
Physical State:	Powder	Solubility:	No data available
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	No data available	Flash Point:	No data available
Viscosity:	No data available	Vapor Density:	No data available
Boiling Point:	No data available	Auto-Ignition Temp:	No data available
Partition Coefficient:	No data available	UFL / LFL:	No data available
Vapor Pressure:	No data available		
pH:	5 (5% solution)		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10	STABILITY AND REACTIVITY
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Reactivity:	None under normal processing
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Avoid heat and direct sunlight.
Materials to Avoid:	Do Not mix with any other products.
Hazardous Decomposition:	None known based on the information provided
Hazardous Polymerization:	None known based on information provided
	Will not occur.

11	TOXICOLOGICAL INFORMATION
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Sulfamic acid cas#:(5329-14-6) [515]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 3,160 mg/kg

LD50 Oral - mouse - 1,312 mg/kg Remarks: Behavioral:Excitement. Behavioral:Altered sleep time (including change in righting reflex).

LD50 Oral - guinea pig - 1,050 mg/kg

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Skin irritation Remarks: Moderate skin irritation

Skin - Human Result: Mild skin irritation

Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Moderate eye irritation

Result: Severe eye irritation - 24 h

Respiratory or skin sensitisation: 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

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Symptoms and signs of poisoning are:, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Inhalation may provoke the following symptoms:, spasm, inflammation and edema of the bronchi, spasm, inflammation and edema of the larynx, Aspiration or inhalation may cause chemical pneumonitis.

12	ECOLOGICAL INFORMATION
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Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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

Toxicity

Toxic to aquatic life.

Aquatic toxicity (acute)

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
sulfamic acid	5329-14-6	EC50	71.6 mg/l	aquatic invertebrates	48 hours
sulfamic acid	5329-14-6	ErC50	48 mg/l	algae	72 hours

Aquatic toxicity (chronic)

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
sulfamic acid	5329-14-6	EC50	71.6 mg/l	aquatic invertebrates	24 h

13	DISPOSAL CONSIDERATIONS
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Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

14	TRANSPORT INFORMATION
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Not Regulated

15	REGULATORY INFORMATION
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All ingredients for this product are listed or are exempt or excluded from being listed on the TSCA inventory.
SARA Title III chemicals: This product does not contain any chemicals which are subject to the reporting requirements.
California Prop 65 chemicals: None Known
CERCLA reportable quantity: This product, 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).
RCRA hazardous waste no: N/A

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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