



Miracle Brands, LLC

Safety Data Sheet

1. Identification

Product name: Miracle Brands Outdoor Cleaner Concentrate
Recommended use: Cleaner
Restrictions on use: None known
Supplier: Miracle Brands, LLC
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Emergency number: +1 (877) 753-0506
Issue date: 05/24/2024

2. Hazard(s) identification

Classification:

Physical hazards	Health hazards
Not classified	Serious eye damage Category 1

GHS US labeling:

Danger!



CONTAINS: Oxalic acid

Hazard statements (GHS US)	Precautionary statements (GHS US)
H318 - Causes serious eye damage	P280 - Wear eye 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. P310 - Immediately call a POISON CENTER or doctor/physician.

3: Composition/Information on ingredients

Component	CAS-No.	Amount (%)
Oxalic acid	144-62-7	5-<10
Non-Hazardous Ingredients	Mixture	90-95

4. First-aid measures

Inhalation: Move the affected person to fresh air. Get medical attention if symptoms occur.

Skin: Gently wash with plenty of soap and water. Get medical advice if skin irritation persists.

Eyes: Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Call a poison center or a doctor if you feel unwell.

Symptoms/effects: Causes serious eye damage.

Immediate medical attention and special treatment, if necessary: Immediate medical attention is required for eye contact.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None.

Fire hazard: This product is not classified as flammable or combustible.

Special protective equipment and precautions for fire-fighters: Do not attempt to take action without suitable protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Avoid contact with eyes, skin and clothing. Wear suitable protective clothing.

Methods and material for containment and cleaning up: Collect spillage. Take up liquid spill into absorbent material. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7. Handling and storage

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Wear personal protective equipment. Wash hands with water and soap. Ensure adequate ventilation.

Storage conditions: No special storage required.

8. Exposure controls/personal protection

Exposure guidelines:	
Oxalic acid	1 mg/m ³ TWA OSHA PEL; 1 mg/m ³ TWA ACGIH TLV; 2 mg/m ³ STEL ACGIH TLV;
Non-Hazardous Ingredients	None established.

Appropriate engineering controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

Environmental exposure controls: Avoid release to the environment.

Personal protective equipment:**Hand protection:** Wear impervious gloves.**Eye protection:** Chemical goggles**Skin and body protection:** Wear suitable protective clothing**Respiratory protection:** In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.**9. Physical and chemical properties****Appearance:** Clear to cloudy.

Physical state	: Liquid	Solubility	: Soluble in water.
Color	: Colourless	Partition coefficient n-octanol/water (Log Pow)	: No data available
Odor	: Slight	Auto-ignition temperature	: No data available
Odor threshold	: No data available	Decomposition temperature	: No data available
pH	: 1.6 – 2	Viscosity, kinematic	: No data available
Melting point	: Not applicable	Viscosity, dynamic	: No data available
Freezing point	: No data available	Explosion limits	: No data available
Boiling point	: No data available	Explosive properties	: None.
Flash point	: No data available	Oxidizing properties	: None.
Relative evaporation rate (butyl acetate=1)	: No data available		
Flammability	: Not applicable.		
Vapor pressure	: No data available		
Relative vapor density at 20°C	: No data available		
Relative density	: No data available		

No additional information available

10. Stability and reactivity**Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.**Chemical stability:** Stable under normal conditions.**Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.**Conditions to avoid:** Extremely high or low temperatures.**Incompatible materials :** Strong oxidizing agents. Strong bases.**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.**11. Toxicological information****Inhalation:** May cause minor irritation to the respiratory tract and to other mucous membranes.**Skin:** May cause slight irritation to the skin.

Eyes: Serious damage to eyes.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Carcinogenicity:	Not classified
Oxalic acid:	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Non-Hazardous Ingredients:	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Germ cell mutagenicity:	Not classified
Reproductive toxicity:	Not classified
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Numerical measures of toxicity:

The following are the toxicity values for the components:

Oxalic acid	375 mg/kg LD50 oral rat; 20000 mg/kg bodyweight LD50 dermal rabbit
Non-Hazardous Ingredients	No data available

Skin corrosion/irritation	Not classified. pH: 1.6 – 2
Serious eye damage/irritation	Causes serious eye damage. pH: 1.6 – 2
Respiratory or skin sensitization	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

12. Ecological information

Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Ecotoxicity:

Oxalic acid 160 mg/l LC50 - Fish [1]; 162.2 mg/l Test organisms (species): Daphnia magna EC50 - Crustacea [1]; 19.14 mg/l EC50 72h - Algae [1]

Persistence and degradability:	Readily biodegradable.
Oxalic acid:	Readily biodegradable.
Non-Hazardous Ingredients:	No data available.
Bioaccumulative potential:	No data available
Mobility in soil:	No data available

Other adverse effects:

No data available

13. Disposal considerations

Regional waste regulation: Dispose of in accordance with applicable federal, state, and local regulations.

14. Transport information

Department of Transportation (DOT)

Not regulated for transport

Transport by sea

Not regulated for transport

Air transport

Not regulated for transport

15. Regulatory information

SARA Section 313 - Emission Reporting:

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CERCLA Section 103:

This product is not subject to reporting under CERLCA. However, many states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA 302:

Not applicable

SARA Section 311/312 Hazard Classes: Refer to Section 2 for OSHA Hazard Classification.

California Proposition 65:

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

TSCA: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

16. Other information

Issue date : 05/24/2024

NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Miracle Brands, LLC shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.