

SAFETY DATA SHEET

Liquid Magnet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200 (GHS)

Date of issue: 26 August 2026 Revision: 1.6 SDS No.: SDS-LM-001

SECTION 1: Identification

1.1 Product identifier

Product name	Liquid Magnet
Other names	Rodent Engine Cleaner; Liquid Magnet Intense Clean; Bird Droppings Remover
Product type	Ready-to-use aqueous cleaner (sprayable liquid)
SKU / sizes	8 fl oz, 16 fl oz, and 1 gallon

1.2 Recommended use and restrictions on use

Recommended use: Exterior cleaner for loosening and removing organic residues such as insect splatter and bird droppings from vehicle surfaces, lawn equipment, and outdoor surfaces including paint, clear coat, glass, plastics, rubbers, vinyls, metals, and similar exterior materials. Also suitable for cleaning glass and degreasing lawn equipment exteriors as well as loosening and removal of plant debris off lawn equipment and surfaces.

Restrictions on use: Not for ingestion. Not a pesticide. Do not mix with acids or other cleaners. Keep out of reach of children. Use only as directed on the product label.

1.3 Manufacturer / supplier

Company	Rat Race Spray LLC
Address	255 Watson St., Monterey, CA 93940
Telephone	(888) 599-0260
Website	https://ratracespray.com

1.4 Emergency telephone number

Emergency / business telephone: (888) 599-0260

SECTION 2: Hazard(s) identification

2.1 Classification of the mixture

Classification according to OSHA HCS 2012 / GHS:

Hazard class	Category
Skin corrosion / irritation	Category 3
Eye irritation	Category 2B

Physical hazards: Not classified.

Hazards not otherwise classified (HNOC): None identified.

2.2 GHS label elements

WARNING. Causes skin and eye irritation. Wear gloves and eye protection before use. Avoid contact with eyes and skin. Do not ingest. Wash hands after use.

Pictogram: Exclamation mark (GHS07)

Signal word: Warning

2.3 Other hazards

May cause mild gastrointestinal discomfort if swallowed. Do not mix with acids. Prolonged wet contact may dry or irritate skin.

SECTION 3: Composition / information on ingredients

3.1 Substances

Not applicable. This product is a mixture.

3.2 Mixtures

Ingredient	CAS No.	% w/w	Classification of ingredient
Water	7732-18-5	> 99.8%	Not classified
Sodium chloride	7647-14-5	0.10–0.20%	Not classified at this concentration
Sodium hydroxide	1310-73-2	< 0.01%	Skin Corr. 1A; Eye Dam. 1 (as the concentrated substance)

Exact percentages may be withheld as a trade secret under 29 CFR 1910.1200(i). Composition is based on manufacturer measurements of the finished product (pH 10.7; measured salt content 1,620 ppm).

SECTION 4: First-aid measures

4.1 Description of first-aid measures

Inhalation: Move to fresh air. If irritation or breathing difficulty develops, seek medical attention.

Skin contact: Wash with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical advice.

Eye contact: Rinse cautiously with water for several minutes. Hold eyelids open. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Give water to drink if the person is conscious. Seek medical attention if symptoms occur. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects

Acute: Redness, stinging, or irritation of skin or eyes. Ingestion may cause nausea or stomach discomfort. **Delayed:** Persistent eye irritation if not rinsed promptly.

4.3 Indication of immediate medical attention

Treat symptomatically. No specific antidote. Show this SDS and the product label to medical personnel.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for the surrounding fire (water spray, foam, dry chemical, or carbon dioxide). The product itself is an aqueous, non-flammable mixture.

5.2 Specific hazards arising from the mixture

Not flammable. In a surrounding fire, packaging may burn and produce carbon oxides. Closed containers exposed to heat may rupture.

5.3 Special protective equipment

Firefighters should wear self-contained breathing apparatus and full protective clothing when fighting fires involving packaged product.

SECTION 6: Accidental release measures

6.1 Personal precautions

Avoid contact with eyes and prolonged skin contact. Wear gloves and eye protection for larger spills. Ensure adequate ventilation. Keep unnecessary people away. Keep out of reach of children.

6.2 Environmental precautions

Prevent large quantities from entering storm drains, surface water, or soil. Small household-use quantities rinsed to sanitary sewer are generally acceptable where local rules allow.

6.3 Methods for containment and clean-up

Small spill: Wipe up with absorbent cloth or paper towel. Rinse area with water. **Large spill:** Contain with inert absorbent. Collect into a labeled container for disposal. Flush residue with water. Do not mix collected material with acids.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Read and follow the product label.
- Avoid contact with eyes and prolonged contact with skin.

- Wash hands after use.
- Do not ingest.
- Do not mix with acids, bleach, or other cleaners.
- Use on a cool surface as directed. Do not allow product to dry on the surface.
- Keep container closed when not in use.

7.2 Conditions for safe storage

Store upright in the original closed container in a cool, dry place away from direct sunlight and strong acids. Protect from freezing. Keep out of reach of children and pets. Recommended storage temperature: above 32 °F (0 °C) and below 100 °F (38 °C).

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Component	OSHA PEL	ACGIH TLV	NIOSH
Sodium hydroxide (1310-73-2)	2 mg/m ³ ceiling	2 mg/m ³ ceiling	2 mg/m ³ ceiling
Sodium chloride / water	None established	None established	None established

At the finished-product concentration of sodium hydroxide (< 0.01%), airborne occupational exposure to NaOH during normal consumer spray use is not expected to approach these limits.

8.2 Engineering controls

Use in a well-ventilated area. No special ventilation is required for typical consumer application.

8.3 Individual protection measures

- **Eye / face:** Safety glasses or splash goggles recommended, especially when spraying overhead or in wind.
- **Skin:** Chemical-resistant gloves (nitrile) recommended for repeated or prolonged use.
- **Respiratory:** Not normally required. Avoid spraying toward the face.
- **Hygiene:** Wash hands after handling. Do not eat, drink, or smoke while using.

SECTION 9: Physical and chemical properties

Appearance	Clear to slightly tinted liquid
Odor	No scent
Odor threshold	Not applicable
pH	10.7 (undiluted, manufacturer measurement)
Melting / freezing point	Approximately 0 °C (32 °F)
Initial boiling point	Approximately 100 °C (212 °F)
Flash point	Not applicable (aqueous, non-flammable mixture)
Evaporation rate	Similar to water
Flammability (solid, gas)	Not applicable
Upper / lower flammability limits	Not applicable
Vapor pressure	Similar to water
Vapor density	Similar to water
Relative density	Approximately 1.00 g/mL at 20 °C
Solubility	Completely miscible with water
Partition coefficient (n-octanol/water)	Not applicable (inorganic aqueous mixture)
Auto-ignition temperature	Not applicable
Decomposition temperature	Not determined
Viscosity	Similar to water

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use and storage. Reacts with acids (neutralization).

10.2 Chemical stability

Stable when stored in the original closed container as directed.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur. Mixing with strong acids may generate heat.

10.4 Conditions to avoid

Freezing. Prolonged high heat. Mixing with incompatible materials.

10.5 Incompatible materials

Strong acids. Do not mix with bleach, ammonia, or other household or automotive chemicals.

10.6 Hazardous decomposition products

None expected under normal use. Thermal decomposition of packaging in a fire may produce carbon oxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No toxicological studies have been conducted on this finished mixture. Information is based on the components and concentration.

Likely routes of exposure: Skin contact, eye contact, incidental inhalation of spray mist, accidental ingestion.

Acute toxicity: Not classified. Water and dilute sodium chloride have very low acute toxicity. Sodium hydroxide at < 0.01% is far below levels associated with acute systemic toxicity.

Skin corrosion / irritation: Causes mild skin irritation (Category 3).

Eye irritation: Causes eye irritation (Category 2B). Immediate rinsing is recommended.

Respiratory or skin sensitization: Not expected based on composition.

Germ cell mutagenicity / carcinogenicity / reproductive toxicity: No component present at reportable levels is listed as a carcinogen by IARC, NTP, or OSHA.

STOT-single / repeated exposure: Not classified at the concentrations present.

Aspiration hazard: Not classified (aqueous, water-like viscosity).

Symptoms: Eye redness and tearing; skin redness or dryness; nausea if swallowed.

SECTION 12: Ecological information

12.1 Toxicity

No product-specific aquatic toxicity data. At use volumes, environmental impact is expected to be low. High concentrations of unused product in a small water body could locally raise pH.

12.2 Persistence and degradability

Inorganic mixture. Sodium hydroxide is neutralized in the environment to sodium salts. Sodium chloride is a naturally occurring salt.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

Expected to be highly mobile in soil and water because the product is fully water-soluble.

12.5 Other adverse effects

None known at intended use volumes. Do not dump unused bulk product into storm drains.

SECTION 13: Disposal considerations

Dispose of unused product and empty containers in accordance with local, state, and federal regulations.

Consumer quantities: Empty bottles may typically be rinsed and placed in household recycling where accepted, or discarded with household waste. Do not reuse the container for food or beverages.

Bulk quantities: Do not pour large volumes into storm sewers. Contact a licensed waste contractor if disposing of unusable inventory.

This dilute aqueous mixture is not expected to meet the RCRA corrosivity characteristic ($\text{pH} \leq 2$ or ≥ 12.5). Product pH is 10.7.

SECTION 14: Transport information

UN number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class	Not regulated
Packing group	Not applicable
Environmental hazards	Not classified as a marine pollutant
DOT (US)	Not regulated as a hazardous material
IMDG	Not regulated
IATA	Not regulated
Special precautions	Protect from freezing during transport. Keep containers upright and closed.

SECTION 15: Regulatory information

15.1 US federal regulations

- **OSHA:** This product is a hazardous chemical under HazCom 2012 because it is classified as a skin and eye irritant.
- **TSCA:** Components are listed or exempt (water, sodium chloride, sodium hydroxide).
- **CERCLA:** Sodium hydroxide has a CERCLA RQ of 1,000 lb. Each finished container contains far less than this quantity.
- **SARA Title III Section 313:** Sodium hydroxide is not a Section 313 listed toxic chemical.
- **SARA 311/312:** Acute health hazard (irritation).

15.2 US state 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 at levels that would require a warning based on the listed ingredients.

15.3 Other

This product is a cleaner, not a pesticide, and is not registered under FIFRA. Do not make pesticidal claims.

SECTION 16: Other information

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Prepared by	Rat Race Spray LLC

Abbreviations: ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; DOT = Department of Transportation; GHS = Globally Harmonized System; HCS = Hazard Communication Standard; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit; SDS = Safety Data Sheet; TLV = Threshold Limit Value.

The information in this Safety Data Sheet is based on data available to Rat Race Spray LLC as of the date of preparation and is believed to be accurate. It is furnished without warranty. The user is responsible for determining the suitability of this information for their purposes and for complying with all applicable laws.

End of Safety Data Sheet