

Material Safety Data Sheet

REMOVER MAGIC®

Graffiti Remover

Product Number: GRA



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Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash with soap and flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

1. Identification

Product Name: Remover Magic® Graffiti Remover

Chemical Name: Blend

2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
1-Methyl-2-Pyrrolidinone	872-50-4

3. Physical Data

Appearance: Clear liquid

Odor: Citrus

Solubility in Water by wt.: Miscible

Boiling Point: Over 198°F (92°C)

Freezing Point: Below -4°F (-20°C)

Vapor Density (Air=1): > 1

Evaporation Rate (BuAc=1): < 1

Specific Gravity: 0.98 @ 68°F (20°C)

pH: 6.5 - 7.5

VOC: Less than 30% - California EPA ARB Method 310

4. Fire and Explosion Hazard

Flash Point: 132°F (56°C) (EPA Method 1020A)

Flammable Limits in Air: No data

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards: When heated above flash point, may release vapors. Vapors may travel long distances along the ground.

Extinguishing Media: Dry chemical, foam, water or carbon dioxide

5. Health Hazard Data

COMPONENT	OSHA/ PEL	ACGIH/ TLV
1-Methyl-2-Pyrrolidinone	No data	No data

Effect of Overexposure:

Swallowing: May be dangerous if large amounts are ingested

Skin Contact: May cause irritation and burns if not washed immediately

Inhalation: May cause irritation, coughing, nausea, and headache

Eye Contact: Short-term contact may cause irritation. Prolonged contact may cause irreversible damage to eyes.

Carcinogenicity:

NTR: No

IARC: No

OSHA: No

6. Reactivity Data

Stability: Stable at normal conditions
Conditions to Avoid: High temperatures over 130°F (54°C). Keep containers out of direct sunlight and away from sparks or flame.
Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Combustion or Decomposition Products: Carbon dioxide, carbon monoxide, and smoke
Hazardous Polymerization: Will not occur

7. Spill, Leak, and Waste Disposal Procedures

Steps to be Taken in Case Material is Released or Spilled: Remove all sources of ignition. Ventilate the area well. Large spills or leaks should be cleaned up and controlled with an inert absorbent material. Residue from application or small leaks or spills should be rinsed with water.
Waste Disposal Method: Dispose according to all local, state, and federal regulations.

8. Handling and Storage

Store away from all sources of ignition and ventilate the area well. Store below 104°F (40°C). Avoid high temperatures over 130°F (54°C), sparks, open flame, or direct sunlight. Keep container closed when not in use.
Keep out of reach of children.

9. Special Protection Information

Respiratory Protection: Not normally required. A respirator may be used if vapor concentration is high.
Ventilation: Use in well-ventilated area to eliminate vapors. Mechanical exhaust is not normally required unless used in confined area and/or individual has a sensitive respiratory system.
Protective Gloves: Neoprene or solvent resistant
Eye Protection: Safety goggles and/or face shield.
Protective Clothing: Where contact may occur, wear protective clothing.
Other Protective Clothing or Equipment: An eyewash station or a source of clean water should be nearby in the event of eye contact.

10. Regulation Information

Status On Substance List: None known
EPA: None
State Right-To-Know: 1-Methyl-2-Pyrrolidinone is known to the State of California to cause birth defects or other reproductive harm.
SARA: Listed under sections 311/312/313 (1-Methyl-2-Pyrrolidinone)

11. Transportation Data

Proper Shipping Name: Flammable Liquid, n.o.s. (contains 1-Methyl-2 Pyrrolidone)
DOT: UN1993, Class 3, P.G. III
Quantity: 15 gallons or less per inner pack - Consumer Commodity, ORM-D. More than 15 gallons - Flammable.

CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances

Hazard rating corresponding to the NFPA Rating System:

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

NFPA HAZARD RATING

HEALTH: 1

FLAMMABILITY: 2

REACTIVITY: 0

**Chemical Warning Label - Certol International, LLC
 REMOVER MAGIC® Graffiti Remover**

No wall reference is necessary

Product Name: REMOVER MAGIC® Graffiti Remover
Hazardous Chemicals: 1-Methyl-2-Pyrrolidinone
Personal Protection: Gloves, safety goggles, and/or face shield

<p><u>ROUTE OF ENTRY</u></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Skin/eye absorption <p><u>TARGET ORGAN EFFECTS</u></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Respiratory <input type="checkbox"/> Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Prostate <input type="checkbox"/> Blood <input type="checkbox"/> Liver <input type="checkbox"/> CNS <input type="checkbox"/> Other 	<p><u>HEALTH HAZARD</u></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Irritant <input type="checkbox"/> Carcinogen <input type="checkbox"/> Toxic <input type="checkbox"/> Sensitizer <input type="checkbox"/> Normal Material <p><u>PHYSICAL HAZARD</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Oxidizer <input type="checkbox"/> Acid <input type="checkbox"/> Alkali <input type="checkbox"/> Corrosive <input type="checkbox"/> Use no water <input type="checkbox"/> Radioactive 	<p><u>FIRE HAZARD</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Below 73°F (23°C) <input type="checkbox"/> Below 100°F (38°C) <input checked="" type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C) <input type="checkbox"/> Above 200°F (93°C) <input type="checkbox"/> Will not burn <p><u>REACTIVITY</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> May detonate <input type="checkbox"/> Shock and heat may detonate <input type="checkbox"/> Violent chemical change <input type="checkbox"/> Unstable if heated <input checked="" type="checkbox"/> Stable
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