

# **Material Safety Data Sheet**

# and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name MAGIC GRAFFITI CURE SHADOW

REMOVER

**Product Use** Graffiti removers.

Product Code G756

Date of issue 01/28/10 Supersedes 05/10/07

**Emergency** For MSDS Information: Telephone Technical Services Group

Numbers Zep Inc.

Telephone: (780) 453-8100 (Business Hours 8:00-5:00)

For a Medical or Transportation Emergency:

CANUTEC (24 Hours)

(613) 996-6666 - Call Collect

Prepared by Technical Services Group

Zep Inc.

Printing date: 29/01/10 11627 178th Street

Edmonton, Alberta T5S 1N6

**Date of Preparation:** 01/28/10

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS#	% by Weight	Toxicity Data			
POTASSIUM HYDROXIDE; caustic potash; lye MONOETHANOLAMINE; 2-aminoethanol; ME/	1310-58-3 141-43-5	10 - 30 1 - 5	LD50 LD50	Rat. Rat.	Oral Oral	365 mg/kg 1720 mg/kg
			LD50	Rabbit	Dermal	>1000 mg/kg

#### Section 3. Hazards Identification

**Acute Effects** 

**Routes of Entry**Dermal contact. Eye contact. Inhalation.

**Skin** Hazardous in case of skin contact (corrosive). Skin contact may produce burns. Skin inflammation is characterized by

itching, scaling, reddening, or, occasionally, blistering.

**Eyes** Hazardous in case of eye contact (corrosive). Direct contact with the eyes can cause irreversible damage including

blindness.

**Inhalation** Hazardous in case of inhalation. Inhalation of the spray mist may produce severe irritation of respiratory tract,

characterized by coughing, choking, or shortness of breath. Over-exposure by inhalation may cause respiratory

irritation.

**Ingestion** May be fatal if swallowed. May cause burns to mouth, throat and stomach.

**Chronic Effects** 

The substance may be toxic to blood, kidneys, liver, upper respiratory tract, skin, eyes, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

Additional information: See Toxicological Information (section 11)

#### Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15

minutes, keeping eyelids open. Get medical attention immediately. Finish by rinsing thoroughly with

running water to avoid a possible infection.

**Skin Contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing

contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get

medical attention immediately.

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give

oxygen. Get medical attention.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. If affected person is conscious,

give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical

attention immediately.

Section 5. Fire Fighting Measures

Flash Point >100

Flammable LimitsNot applicable.

Flammability Non combustible

Auto-ignition Temperature Not determined. Fire-Fighting Procedures Not applicable.

**Fire Hazard** Cool closed containers exposed to fire with water.

**Products of Combustion** carbon oxides (CO, CQ)

**Explosion hazard** Not determined.

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#### Section 6. Accidental Release Measures

**Spill Clean up** Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

#### Section 7. Handling and Storage

**Handling** Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors or spray mists. Use only

with adequate ventilation. Apply this product only as specified on the label. Wash contaminated clothing before

reusing. Wash thoroughly after handling.

Storage Keep container tightly closed. Store between 4 - 49 C. Keep container in a cool, well-ventilated area. Keep out

of the reach of children.

#### Section 8. Exposure Controls, Personal Protection

**Engineering Controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors

below their respective occupational exposure limits. Ensure that eyewash stations and safety showers

are proximal to the work-station location.

#### **Personal Protection**

tion Protective Clothing (Pictograms)

**Eyes** Splash goggles. or Safety glasses. and Face shield.

**Hands and Body** Wear appropriate protective clothing to prevent skin contact.

Recommended: Nitrile gloves. Neoprene gloves. Rubber gloves.

Synthetic apron. Chemical resistant boots.

**Respiratory** Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

# **Exposure Limits**

Name of Hazardous Ingredients

CAS # Exposure Limits

1310-58-3 ACGIH /OSHA (United States).

CEIL: 2 mg/m³

OSHA PEL / ACGIH TLV (United States).

TWA: 3 ppm 8 hour(s).

OSHA /ACGIH (United States).

STEL: 6 ppm 15 minute(s).

#### Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

Solubility Easily soluble in cold water, hot water. VOC (Consumer) Not available.

# Section 10. Stability and Reactivity

Stability and Reactivity
Incompatibility
Reactivity
Reactivity
The product is stable.
Reactive with acids.
Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CQ)

#### Section 11. Toxicological Information

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Reproductive Effects Mutagenic Effects Teratogenic Effects

## Section 12. Ecological Information

**Ecotoxicity** Not available. **Biodegradable/OECD** Not available.

#### Section 13. Disposal Considerations

Waste Information Waste must be disposed according to applicable Waste Stream

regulations. Consult your local or regional

authorities.

#### Section 14. Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
TDG Classification	1814	Potassium Hydroxide, Solution	8	II		Explosive Limit and Limited Quantity Index

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# Section 15. Regulatory Information

WHMIS (Canada) Class E: Corrosive liquid.

Other Regulations Not available.

This product has been classifed according to the hazard criteria of the CPR and the MSDS contains all of the available information required by the CPR.

#### Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with cautic Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exis