



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: METAL MAGIC

Application: Stainless Steel, Copper, Chromium and Aluminum Cleaner.

Product Number: 1035

UN-Number: N/A

Manufacturer Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153

Emergency Phone No.
Chemtrec: 1-800-424-9300

Pages: 3

Web: SUNRISENV.COM

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: DANGER

Keep out of reach of children.

Potential Health Effects:

Inhalation: Inhalation of vapors may cause irritation of the respiratory tract, CNS depression, nausea, dizziness and/or headache.

Skin Contact: Skin contact may cause irritation and/or itchy sensation of skin.

Ingestion: May cause serious health effects including, vomiting, nausea and aspiration hazard.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
*Perchloroethylene	127-18-4	N/A	25 ppm	25 ppm	150 ppm
Amyl Acetate	628-63-7	N/A	100 ppm	N/A	4,000 ppm
Propellant	68-476-86-8	N/A	N/A	600 ppm	20,000 ppm
Paraffinic Hydrocarbon	64741-88-4	N/A	5 mg/m ³	5 mg/m ³	N/A
Petroleum Distillates	64742-96-7	N/A	2 mg/m ³	2 mg/m ³	N/A

Comments: A coupling structure system proprietary formula, no TLV, OSHA values established. Use protective equipment.

4. FIRST AID MEASURES

Inhalation: Move to an uncontaminated area. Call physician immediately.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting, drink a large quantity of water or milk and seek medical care.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes, seek physician help immediately.

Additional Information: The increased sensitivity of the heart to adrenaline may be caused by overexposure to Perchloroethylene.

5. FIRE FIGHTING MEASURES

Flash Point: 244°F COC

Upper Flammable Limit (UEL): 9.5%

Lower Flammable Limit (LEL): 2.2%

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: Possibility of skin and eye burns from fumes, steam or from spray. Use cautions appropriate to strong alkaline liquid.

Hazardous Combustion Product: May produce Chlorine gas and Sodium Oxide in small amount by introducing product in fire.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment with full face piece operated in the positive pressure mode.

NFPA Rating: (Flammability 1) (Health 2) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin contact. Use chemical resistant gloves, safety goggles or face shield and protective clothing. Do not apply above the eye level. When using Perchloroethylene use extreme caution and read the label completely before use.

Environmental Precautions: Isolate and evacuate the spilled area. Prevent additional further leakage or spillage, if safe to do so.

Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up. By utilizing personal protective equipment (PPE) dilute with water fog. Isolate spill and Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

Additional Information: Follow local and federal regulations with regard to chemical spills.

7. HANDLING AND STORAGE

Handling Procedure: Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.

Wash hands thoroughly after handling the product.

Storage Procedures: Keep in away from reactive chemicals in a cool, well ventilated area. Aerosol can may explode if stored in area over 120°F or under 32°F.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: Perchloroethylene

Engineering Measures: Use fan in confined area. Use local exhaust ventilation.

Personal Protective Equipment (PPE): Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.

Hygiene Recommendations: Use caution appropriate to Perchloroethylene liquid utilizing goggles, face shield, chemical resistant gloves boots & apron.

Consider the effect of exposure potentials, handling practices, chemical concentration and ventilation for Perchloroethylene solution.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

Physical State: Liquid

Vapor Pressure: N/A

Boiling Point: 360°F

Solubility (H₂O): Insoluble in water

Freezing Point: N/D

Odor: Banana aroma

pH: N/D

Density: N/D

Vapor Density: N/A

Melting Point: N/D

Specific Gravity: 1.16

VOC: 14.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Hot and freezing storage temperatures.

Incompatibility: Strong chemicals and oxidizers.

Hazardous Decomposition: Carbon Monoxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, skin ingestion and eyes.

Acute Chronic Toxicity Data: Inhalation may cause lung irritation and CNS depressant with symptoms of: headache, dizziness, nausea and lightheadedness.

Prolonged exposure dermatitis in some people, eye irritant. May be absorbed through skin in potentially harmful amounts if exposure is prolonged or of widespread contact.

NTP: Perchloroethylene

IARC Monographs: Perchloroethylene

Carcinogenicity: Perchloroethylene

Chronic Toxicity: Deliberate inhalation of vapors result in convulsion, permanent body damage or cardiac arrest and death. Chronic health effects of exposure may include: liver, kidney, heart, CNS and skin damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations for corrosive material. It is recommended to pH neutralize with and be solidified with stabilizing absorbent material before disposal.

14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN Number: N/A

Marine Pollutant: N/D

Shipping Name: Metal Magic

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Poison, Irritant, Aerosol

Hazard Symbol: Exclamation Point, Gas Cylinder, Skull & Crossbones



US Federal Regulations

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a poisonous liquid, moderate skin irritant, moderate eye irritant and a skin sensitizer.

SARA Title III-This product does not contain any chemicals component with known CAS number that exceed the threshold reporting levels established by SARA Title III, section 313.

State Regulations

California Prop. 65

This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared: 04/02/2014

Revision Date: 03/16/2015

Contact Information:

Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
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