SIGMA-ALDRICH

Material Safety Data Sheet

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1. PRODUCT AND COMPANY IDENTIFICATION				
Product name	:	Malachite Green solution		
Product Number Brand	:	HT8028 Sigma		
Supplier	:	Sigma-Aldrich 3050 Spruce Street SAINT LOUIS MO 63103 USA		
Telephone	:	+1 800-325-5832		
Fax	:	+1 800-325-5052		
Emergency Phone # (For both supplier and manufacturer)	:	(314) 776-6555		
Preparation Information	:	Sigma-Aldrich Corporation Product Safety - Americas Region 1-800-521-8956		

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards Target Organ Effect, Toxic by ingestion, Corrosive, Teratogen

Target Organs

Kidney, Teeth.

GHS Classification Skin corrosion (Category 1A) Serious eye damage (Category 1) Skin sensitisation (Category 1) Reproductive toxicity (Category 2) Acute aquatic toxicity (Category 3)

GHS Label elements, including precautionary statements

Pictogram

Signal word

Danger

Hazard statement(s)

TWA	10 ppm 25 mg/m3	USA. NIOSH Recommended Exposure Limits
ST	15 ppm 37 mg/m3	USA. NIOSH Recommended Exposure Limits

Personal protective equipment

Respiratory protection

10. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions no data available

Conditions to avoid no data available

Materials to avoid

Strong bases, Oxidizing agents, Strong oxidizing agents, Metals, Amines, Alcohols, Peroxides, permanganates, e.g. potassium permanganate, Soluble carbonates and phosphates, Hydroxides

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx) Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50 no data available

Inhalation LC50 no data available

Dermal LD50 no data available

Other information on acute toxicity no data available

Skin corrosion/irritation no data available

Serious eye damage/eye irritation Eyes: no data available

Respiratory or skin sensitisation no data available

Germ cell mutagenicity no data available

Carcinogenicity

- IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

no data available

Teratogenicity

Marine pollutant: No Poison Inhalation Hazard: No

IMDG UN number: 2790 Class: 8

Packing group: III

EMS-No: F-A, S-B

Repr.Reproductive toxicitySkin Corr.Skin corrosion

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