

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name: mr natural® Peracetic Acid Mold Cleaner
Product Use: Safely removes fungal stains in minutes
D.O.T. Classification: Not Regulated
TDG Classification: Not Regulated
Manufacturer: mr natural® environmental engineers
Address: 400-601 W. Broadway, Vancouver, BC, Canada V5Z 4C2
Telephone: (604) 267-3004
Emergency Phone: (604) 267-3004

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION: Mixture from two separate containers

IDENTIFICATION: Proprietary formulas

Sodium carbonate	CAS#	OSHA-TWA	ACGIH-TWA	LD50
Sodium percarbonate	15630-89-4	10mg/m3(dust)	10mg/m3(dust)	Not established

Propylene glycol diacetate	CAS#	OSHA-TWA	ACGIH-TWA	LD50
	623-84-7	Not applicable	Not applicable	13,530 mg/Kg(oral/rat)

Proprietary:	Non-toxic Activator
Remaining substance:	Water

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – No ingredients above reportable quantities.

Toxic Substances Control Act (TSCA) – All the ingredients are listed or exempt from listing on the Chemical Substance Inventory. California Proposition 65 – No ingredients listed.

WHMIS Ingredient Disclosure List & WHMIS Controlled Products: No ingredients listed.

SECTION III – PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): 190

Vapor Pressure (mm Hg): Not applicable

Vapor Density (Air = 1): Not applicable

Solubility in Water (% ww/@20C): 8

Physical State: Liquid

Appearance: Transparent clear solution

Freeze-Thaw Stable: Yes

Specific Gravity (H₂O=1): 1.047

% Volatile (Wt%): Not established

Evaporation Rate: 0.04

pH (100%): Not established

Viscosity: As per water

Odour: Acidic

SECTION IV – FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS or OSHA criteria

Hazardous Combustion Products: None

Auto-ignition Temperature: Non-combustible

Hazardous Combustion Decomposition: Oxides of Carbon

Flash Point (°C, TCC): FP 88C

LEL: Not applicable

UEL: Not applicable

400-601 West Broadway
Vancouver, BC V5Z 4C2

Toll-free 1 (855) **sonatural**
Office (604) 267-3004
Email info@mrnatural.ca

SECTION V – REACTIVITY DATA

Conditions for Chemical Instability: Exposure to moisture or heat.
Incompatible Materials: Strong reducing agents, strong acids, heavy metals, flammable and combustible materials.
Hazardous Decomposition Products: Oxides of carbon, Oxides of Nitrogen when heated.

SECTION VI – TOXICOLOGICAL PROPERTIES

Information on toxicological effects
Acute toxicity
LD50 Oral - rat - 1034 mg/kg
LD50 Dermal - rabbit - > 2000 mg/kg - 1h
Skin - rabbit - Mild skin irritation
Eyes - rabbit - Mild eye irritation
Respiratory or skin sensitization - No data available
Germ cell mutagenicity - No data available

SECTION VII – ECOLOGICAL DATA

Environmental Fate: "Readily biodegradable" (>96.4% in 28 days, OECD 301D Method)
Aquatic toxicity: "Not toxic to aquatic life" (IC50 >100 mg/L, Protocol EPS 1/RM/24)

SECTION VIII – PREVENTATIVE MEASURES

Gloves: Impervious gloves.
Eye Protection: Safety glasses.
Respiratory Protection: Not normally required if good ventilation is maintained
Other Protective Equipment: As required by employer code. Eye bath, safety shower, protective clothing.
Engineering Controls: General ventilation normally required.

SECTION IX – FIRST AID

Eye Contact: Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.
Skin Contact: Flush with water. Seek medical attention if irritation persists. Remove contaminated clothing and launder before reuse.
Inhalation: Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.
Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

SECTION X – TRANSPORTATION

T.D.G. Classification: Class 5.1- oxidizing substances Sodium Carbonate Peroxyhydrate UN 3378 PG II
Containers under 1.0 kg may be shipped under Limited Quantity if outer container weight less than 30 kg.

D.O.T. Classification: Class 5.1- oxidizing substances Sodium Carbonate Peroxyhydrate UN 3378 PG II
Containers under 1.0 kg ORM-D Limited Quantity.

SECTION XI – PREPARATION INFORMATION

Date: 2011/10/21 **MSDS Prepared by:** mr natural® environmental engineers **Telephone:** (604) 267-3004

400-601 West Broadway
Vancouver, BC V5Z 4C2

Toll-free 1 (855) **sonatural**
Office (604) 267-3004
Email info@mrnatural.ca