



# Safety Data Sheet

## PAINT-GUARD MOLD DEFENSE ADDITIVE

Effective Date: July 8, 2019

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME: PAINT-GUARD MOLD DEFENSE ADDITIVE

USE: Treat coatings and materials

GENERIC DESCRIPTION: Mold and mildew inhibiting paint additive

### 2. HAZARD IDENTIFICATIONS

HMIS Hazard Classification:

Health: 1

Flammability: 0

Reactivity: 0

NFPA Hazard Classification:

Health: 1

Flammability: 0

Reactivity: 0

ROUTES(S) OF ENTRY: Inhalation, eye and dermal contact, ingestion

POTENTIAL HEALTH EFFECTS: Irritant to eyes, skin and respiratory passages.

#### Risk and Safety Phrases

R Phrases: R36/37. Irritating to eyes and skin.

S Phrases: S20/21-36/37-46-61. When using, do not eat, drink, or smoke. Wear suitable gloves and protective clothing. If swallowed, seek medical advice immediately and show this container or label. Avoid release to the environment.

Symbols: Xi (Irritant)

Additional Information: None

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>CAS NO</u>	<u>INGREDIENT</u>	<u>PERCENT</u>	<u>ACGIH</u>	<u>OSHA</u>
8007-02-1	Lemongrass Oil	0.2%		
1324-13-2	Zinc oxide	Proprietary		
7732-18-5	Distilled Water	Proprietary		

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with running water for at least 15 minutes. Call a physician at once.

**SKIN:** Immediately flush with water for 15 minutes. Wash with mild soap and water. If irritation occurs, get medical attention. If clothing is contaminated, remove and wash before reuse.

**INGESTION:** Immediately drink large quantities of water. Induce vomiting. Call a physician at once. DO NOT give anything by mouth if the person is unconscious or if having convulsions.

**INHALATION:** If person experiences nausea, headache, or dizziness, remove to fresh air. If breathing is difficult, administer oxygen, keep the person warm and at rest. Get medical attention. If breathing has stopped, artificial respiration should be given immediately.

**5. FIRE AND EXPLOSION HAZARDS**

**FLAMMABILITY LIMITS** Not Flammable

**FLASH POINT:** Not Flammable

**FLAMMABLE LIMITS IN AIR-LOWER:** N/A

**FLAMMABLE LIMITS IN AIR-UPPER:** N/A

**AUTO-IGNITION TEMPERATURE:** N/A

**GENERAL HAZARDS:** None known.

**FIRE FIGHTING EXTINGUISHING MEDIA:** Carbon dioxide, water fog, foam

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear self-contained (NIOSH approved) breathing apparatus with full-face shield and protective clothing when fighting fires involving chemicals.

**FIRE AND EXPLOSION HAZARDS:** None.

**HAZARDOUS COMBUSTION PRODUCTS:** Decomposition and combustion products may be toxic.

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EMERGENCY RESPONSE GUIDEBOOK INFORMATION: None

**6 ACCIDENTAL RELEASE MEASURES**

ACCIDENTAL RELEASE MEASURES: Gently sweep powder with fine bristled broom or brush. Do not inhale airborne particulate.

WATER SPILL: Prevent material from entering sewers, waterways, or low areas. There are no methods available to completely eliminate any toxicity this product may have on aquatic environments.

**7 HANDLING AND STORAGE**

Do not take internally. Avoid contact with skin, eyes, and clothing. Wear protective eyewear and rubber gloves. Nuisance dust masks required when the TLV may be exceeded. Upon contact with the skin or eyes, wash off with water.

Minimize formation or generation of dusts. Powdered material may form explosive dust-air mixtures. Molten material may produce burns.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

PERSONAL PROTECTIVE EQUIPMENT: Wear appropriate equipment to prevent probability of exposure and personal contact. Deluge safety shower and eyewash should be located near work area.

EYE PROTECTION: Wear side-shield safety glasses, chemical goggles or face shield.

SKIN PROTECTION: Wear appropriate gloves as a standard handling procedure.

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. Type: MSHA-NOSH approved respirator with a high efficiency filter combined with cartridge for ammonia and methylamine. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998.

ENGINEERING CONTROLS: Good general ventilation, typically 10 air changes per hour. Local exhaust recommended, mechanical exhaust acceptable.

EMERGENCY RESPONSE PROTECTION: No additional specialized equipment should be required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Liquid From
COLOR:	White
ODOR:	Odorless
ODOR THRESHOLD:	Not Available
BOILING POINT:	Not Available
MELTING POINT:	Not Available
FREEZING POINT:	Not Available
BULK DENSITY:	1.1g/cc
pH:	Not Available
SOLUBILITY IN WATER:	Soluble
DECOMPOSITION TEMPERATURE:	Not Available
SPECIFIC GRAVITY:	1
EVAPORATION RATE:	$3 \times 10^{-5}$ Kg/s/m <sup>2</sup>
VAPOR PRESSURE:	1.8 kPa
VAPOR DENSITY:	Not Available

## 10. STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY:	Strong acids, oxidizing agents
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION:	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

This product has not been tested due to ingredients falling under EPA minimum risk pesticide . The following estimate is based upon the available toxicity data for the constituents.

ORAL TOXICITY:	Not evaluated
	Not evaluated
DERMAL TOXICITY:	Not evaluated.
INHALATION TOXICITY:	Not evaluated.
EYE IRRITATION:	Eye irritant (mechanical).

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SKIN IRRITATION: Skin irritant (mechanical).

CHRONIC EFFECTS: Chronic effects of this product have not been fully evaluated.

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Incinerate in a furnace where permitted under appropriate federal, state, and local regulation.

14. TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

**DOT:** Not regulated.

**IATA:** Not regulated.

**IMDG:** Not regulated.

15. REGULATORY INFORMATION

**TSCA Section 8b:** All components are either exempt or listed in TSCA inventory.

**SARA 302 Extremely Hazardous Substance(s):**

Component	CAS#	Amount
None		

**SARA 311/312 Hazard Categories:** None.

**SARA 313 Health Hazard:** None.

**SARA 313 Toxic Chemical List:** Not listed.

**CERCLA:** The following components of this product are specifically listed as hazardous substances in 40

Component	CAS#	Amount
None		

**CleanWaterAct - Priority Pollutants:** Does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307 (2)(1) Priority Pollutant List (40 CFR 401.15).

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**RCRA:** Not a hazardous waste under RCRA (40 CFR 261.21).

**CALIFORNIA PROPOSITION 65(SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986):**

This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm:

Component	CAS#	Amount
None		

**Risk and Safety Phrases**

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S Phrases: S20/21-36/37-46-61. When using, do not eat drink or smoke. Wear suitable gloves and protective clothing. If swallowed, seek medical advice immediately and show this container or label. Avoid release to the environment.

Symbols: Xi (Irritant).

Additional Information: None

**16. OTHER INFORMATION**

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This material safety data sheet was prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and with the Workplace Hazardous Materials Information System (WHMIS).