

SAFETY DATA SHEET

Product Name: Efflorescence Blocker Super Concentrate
Product Codes: EXP-1011

SECTION 1: Identification

MANUFACTURER: Rainguard Brands, LLC
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SECTION 2: Hazards Identification

OSHA/HCS Status: This material is considered non-hazardous by the OSHA Hazard Communication (29 CFR 1910.1200)

GHS label elements : No pictogram required

Signal Words: None required

Hazard statements: None required

PRECAUTIONARY STATEMENTS

General: Read label before use. Keep out of reach of children. If medical advice is needed, Have product container or label on hand.

Prevention: Wear protective gloves. Wear eye or face protection.

Storage Disposal: Store in a well-ventilated place. Keep cool.

Hazards not otherwise classified:

None known

SECTION 3: Composition

HAZARDOUS COMPONENTS

THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE HARM.

OTHER INGREDIENTS	CAS #	% BY MASS	HAZARDOUS
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There are no chemicals subject to the reporting requirements of Section 313 (SARA Title III) and of 40 CFR 372.

SECTION 4: First Aid Measures

Get immediate medical attention for any significant overexposure.

EYE EXPOSURE:

Flush eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek immediate medical attention.

SKIN EXPOSURE:

Wash exposed areas with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

INHALATION:

Move victim to fresh air. If the victim has difficulty breathing, administer oxygen. If breathing has stopped, initiate CPR. Seek immediate medical attention.

INGESTION:

Never give an unconscious person anything to drink. If conscious, treat for shock. Seek immediate medical assistance or the nearest poison control center. If conscious, induce vomiting. If unconscious and vomiting, turn the victim on their side to avoid choking.

CARCINOGENICITY:

NTP: No
IARC Monographs: No
OSHA Regulated: No

SECTION 5: Fire Fighting Measures

FLASH POINT:	None
METHOD	N/A
LOWER EXPLOSION LIMIT:	Not available
UPPER EXPLOSION LIMIT:	Not available
AUTOIGNITION TEMPERATURE:	Not available
EXTINGUISHING MEDIA:	CO2, dry chemical or water fog.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide and carbon dioxide can form. Smoke, fumes.
PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). If water is used, fog nozzles are preferable. Use water to cool closed containers.
FIRE AND EXPLOSION CONDITIONS:	This product not expected to ignite under normal conditions of use.

SECTION 6: Accidental Release Measures

Remove and eliminate all ignition sources. Control the source of the spill. Ventilate confined spaces. Avoid breathing vapors or mist. Dike and soak up spill with absorbent material such as sand or Fuller's Earth. Recover free liquid and absorbent material from spill area and shovel or broom into appropriate chemical waste containers for proper disposal. Persons performing clean up should wear adequate personal protective equipment and clothing. Keep out of storm drains, sewers and waterways. Observe all local, state and federal laws and regulations regarding spills, clean-up, removal, discharge and disposal.

SECTION 7: Handling and Storage

Keep containers tightly closed when not in use. Do not store or handle near a heat source, sparks, open flame or strong oxidizing materials. Use and store in only in cool and well-ventilated areas. Care should be taken to prevent moisture condensation in the container. Avoid breathing vapors. Avoid contact with skin. Keep out of the reach of children.

SECTION 8: Exposure Controls and Personal Protection

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, specific safe handling procedures should be developed by a person knowledgeable of the intended use, working conditions, and equipment.

RESPIRATORY PROTECTION:	Use in a well ventilated and/or open area. Use appropriate NOISH approved organic vapor cartridge respirator equipment when occupational exposure limits are exceeded.
VENTILATION:	Local exhaust and or mechanical ventilation in confined or poorly ventilated spaces are recommended.
PROTECTIVE GLOVES:	Wear Neoprene or non-soluble plastic gloves.
EYE PROTECTION:	Use Approved splash goggles.
PROTECTIVE CLOTHING:	Wear long-sleeve clothing selected for condition exposure potential.
INDUSTRIAL HYGIENE:	Before eating or smoking, wash hands and face to remove residual contamination.

SECTION 9: Physical and Chemical Properties

BOILING POINT:	N/A
VAPOR DENSITY (AIR =1):	Heavier
FLAMMABILITY/EXPLOSIVE LIMITS:	Non Flammable or Explosive
pH:	8.0-9.0
MATERIAL V.O.C.:	0 g/L
SPECIFIC GRAVITY (H20 = 1):	1.0- 1.1
EVAPORATION RATE (ETHER = 1):	Slower
VISCOSITY:	<500 cps
MELTING/FREEZING POINT (°C):	0 °C (32 °F) similar to water
SOLUBILITY IN WATER:	Soluble
APPEARANCE & ODOR:	White colored liquid

VAPOR PRESSURE (mm HG):

No data available

SECTION 10: Stability and Reactivity

SUBSTANCES TO AVOID:

Do not mix with other chemicals.

CHEMICAL STABILITY:

Stable under recommended storage conditions.
DO NOT FREEZE OR EXPOSE TO EXTREME HEAT.

POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization does not occur.

HAZARDOUS DECOMPOSITION OR THERMAL BYPRODUCTS:

Carbon dioxide and carbon monoxide.

SECTION 11: Toxicological Information

ACRYLIC POLYMER

LD50 (Dermal/oral,rat)>5000 mg/kg.

Metabolism, toxicokinetic, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture: Not classified (no significant component)

LD50 (Oral) of the mixture: Not classified (no significant component)

LD50 (Dermal) of the mixture: Not classified (no significant component)

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone(CAS: 55965-84-9)

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

SECTION 12: Ecological Information

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

ACRYLIC POLYMER

WGK (Water Risk Class): 1.

12.1. Toxicity

5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone(CAS: 55965-84-9)

LC50 - for Fish 14.8 mg/l/96h OECD 203

EC50 - for Crustacea 8 mg/l/48h OECD 202

EC50 - for Algae / Aquatic Plants 3.2 mg/l/72h OECD 201

ACRYLIC POLYMER

EC50 - for Crustacea > 100 mg/l/48h Daphnia magna

12.2. Persistence and degradability

ACRYLIC POLYMER

This type of product is only slowly biodegraded (removal>80% by method OECD 302B).

5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone(CAS: 55965-84-9) Rapidly degradable

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

SECTION 13: Disposal Considerations

DISPOSAL: Do not allow material to contaminate or cause to be discharged into any storm drain, lake, stream, pond, underground water supplies or any body of water. Incinerate and or bury waste and containers at an approved facility. Dispose of waste materials and containers in accordance with all federal, state and local health, safety and environmental regulations.

SECTION 14: Transportation Information

DOT (US):	Not regulated
CANADA (TDG):	Not regulated
DOT PROPER SHIPPING NAME:	N/A
UN / NA Number:	N/A
Hazard Class:	N/A
Packing Group:	N/A

SECTION 15: Regulatory Information

NORTH AMERICAN INVENTORIES: All components listed or exempt from the TSCA inventory. This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

CANADIAN REGULATIONS

WHMIS Classification: D2A
This is a “controlled product” under the Canadian Workplace Hazardous Materials Information System (WHMIS)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

OTHER REGULATIONS:Regulatory VOC (less water and exempt solvent)
0 g/L**SECTION 16: Other Information****HMIS RATING:**HEALTH 1
FLAMMABILITY 0
REACTIVITY 0
PPE A**KEY:**0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe**LEGEND:**

ACGIG - American Conference of Governmental Hygienists	IARC - International Agency for Research on Cancer
OSHA - Occupational Safety and Health Administration	TSCA - Toxic Substances Control Act
DOT - Department of Transportation	MSHA - Mine Safety Health Administration
PEL - Permissible Exposure Limit	TWA - Time Weighted Average
DSL - Domestic Substance List	NDSL - Non-Domestic Substance List
RCRA - Resource Conservation and Recovery Act	V - Volume
EPA - Environmental Protection Agency	NIOSH - National Institute for Occupational Safety Health
STEL - Short Term Exposure Limit	VOC - Volatile Organic Compound
HMIS - Hazardous Materials Information System	NTP - National Toxicology Program
TLV - Threshold Limit Value	WHMIS - Workplace Hazardous Materials Information System

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