



GAF
Safety Data Sheet
SDS # 2255
SDS Date: June 2022

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Plastic Algae Resistant Granule

MANUFACTURER: GAF

ADDRESS: 1 Campus Drive, Parsippany, NJ 07054

**24-HOUR EMERGENCY
PHONE (CHEMTREC):** 800-424-9300

INFORMATION ONLY: 877-GAF-ROOF

APPROVED BY: Corporate EHS

SECTION 2: HAZARD IDENTIFICATION

NFPA and HMIS RATINGS:

	NFPA Hazard Rating		HMIS Hazard Rating
Health	1	Health	1
Flammable	0	Flammable	0
Reactive	0	Reactive	0
Special Hazards	-	Personal Protection	X

GHS LABEL ELEMENTS:

GHS CLASSIFICATION: Serious Eye Damage/Eye Irritation – H320
Acute Toxicity Oral – H302
Acute Toxicity Dermal – H313
Hazardous To Aquatic Long Term – H413

GHS PICTOGRAM:**SIGNAL
WORD:**

Warning

**HAZARD
STATEMENTS:**

Harmful if swallowed.
May be harmful in contact with skin.
Causes eye irritation
May cause long lasting harmful effects to aquatic life.

**PRECAUTIONARY
STATEMENTS:**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash exposed area with plenty of water and soap thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye protection, face protection.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
IF ON SKIN:: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Collect spillage.

ADDITIONAL HAZARD IDENTIFICATION INFORMATION:

PRIMARY ROUTE OF EXPOSURE: Skin contact, Eye contact

SIGNS & SYMPTOMS OF EXPOSURE

Eyes: May cause irritation to the eyes.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Ingestion: This product is not intended to be ingested. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

ACUTE HEALTH HAZARDS: See above.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	%	OCCUPATIONAL EXPOSURE LIMITS		
			OSHA	ACGIH	OTHER
Polypropylene	9003-07-0	90	Not Established	Not Established	Not Established
Cuprous Oxide	1317-39-1	10	Not Established	Not Established	Not Established

SECTION 4: FIRST AID MEASURES

FIRST AID PROCEDURES

EYES: Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water by allowing the water to flow over the bridge of the nose to the eyes for at least 20 minutes. Seek immediate medical attention.

SKIN: Wash off with soap and plenty of water. Consult a physician.

INHALATION: Remove to fresh uncontaminated air. Seek medical attention.

INGESTION: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE FIGHTING PROCEDURES

SUITABLE EXTINGUISHING MEDIA: Water spray, Alcohol foam, Carbon Dioxide, or Dry chemical.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides (CO, CO₂), smoke and irritating fumes as products of incomplete combustion..

RECOMMENDED FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus for fire fighting if necessary.

UNUSUAL FIRE & EXPLOSION HAZARDS: None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Keep personnel away from spill area. Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Avoid breathing dust. Scoop up into drums for re-use or disposal.

Do not let product enter drains.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

OTHER PRECAUTIONS: Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: No special ventilation systems are required under normal conditions of use.

RESPIRATORY PROTECTION: Respiratory protection is not normally needed.

EYE PROTECTION: Safety glasses with side shields or chemical goggles.

SKIN PROTECTION: Avoid skin contact.

OTHER PROTECTIVE EQUIPMENT: A chemical apron and/or other equipment should be worn to avoid skin contact.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR:	Reddish – brown to brown pellets. No odor.		
FLASH POINT:	Not Available	LOWER EXPLOSIVE LIMIT:	Not Applicable
METHOD USED:	Not Applicable	UPPER EXPLOSIVE LIMIT:	Not Applicable
EVAPORATION RATE:	Not Applicable	BOILING POINT:	Not Applicable
pH (undiluted product):	Not Applicable	MELTING POINT:	Not Available
SOLUBILITY IN WATER:	Not Available	SPECIFIC GRAVITY:	Not Available

VAPOR DENSITY:	Not Applicable	PERCENT VOLATILE:	Not Available
VAPOR PRESSURE:	Not Applicable	MOLECULAR WEIGHT:	Not Available

SECTION 10: STABILITY AND REACTIVITY

THERMAL STABILITY:

STABLE X

UNSTABLE ☐

CONDITIONS TO AVOID (STABILITY):

Stable under recommended storage conditions.

INCOMPATIBILITY (MATERIAL TO AVOID):

No data available.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Not data available.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**Cuprous Oxide**Acute toxicity**LD50 Oral** - Rat - male and female - 1,340 mg/kg (OECD Test Guideline 401)**LC50 Inhalation** - Rat - 4 h - 3.34 mg/l - dust/mist (OECD Test Guideline 403)**LD50 Dermal** - Rabbit - > 2,000 mg/kg (OECD Test Guideline 402)**Skin corrosion/irritation** Skin - Rabbit Result: No skin irritation (OECD Test Guideline 404)**Serious eye damage/eye irritation** Eyes - Rabbit Result: Irritating to eyes. (OECD Test Guideline 405)**Respiratory or skin sensitization** Maximization Test - Guinea pig

Did not cause sensitization on laboratory animals. (OECD Test Guideline 406)

Germ cell mutagenicity No data available**Carcinogenicity** No data available**Polypropylene**Acute toxicity**LD50 Oral** - Rat - male and female - Rat - > 110,000 mg/kg**LD50 Dermal** - Rabbit - No data available**SECTION 12: ECOLOGICAL INFORMATION****Toxicity**Toxicity to fish

LC50 - Cyprinodon variegatus (sheepshead minnow) - > 0.17 mg/l - 96.0 h

Toxicity to daphnia and other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - 0.5 mg/l - 48 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Endocrine disrupting properties

No data available

Other adverse effects

Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable local, state and Federal regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA: This product and its components are listed on the TSCA 8(b) inventory.

CERCLA: None

SARA

311 / 312 HAZARD CATEGORIES: Acute Health Hazard

313 REPORTABLE INGREDIENTS: Dicopper oxide CAS-No.: 1317-39-1

CALIFORNIA PROPOSITION 65:

This product does not contain a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances lists:

Chemical Name	CAS #	CA	MA	NJ	PA	RI
Dicopper oxide	1317-39-1	No	No	Yes	Yes	No
1-Propene, homopolymer	9003-07-0	No	No	No	No	No

SECTION 16: OTHER INFORMATION

ADDITIONAL COMMENTS:

None

DATE OF PREVIOUS SDS:

May 2017

CHANGES SINCE PREVIOUS SDS:

Update to sections 2, 11 and 12.

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.