



# SAFETY DATA SHEET

Product: MARC 206 CITRONELLA GRANULAR INSECT  
REPELLENT & DEODORIZER

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 206 CITRONELLA GRANULAR INSECT REPELLENT & DEODORIZER**

SDS DATE: 11/19/18

SUPPLIER: Mid-American Research Chemical Corp. ADDRESS: P. O. Box 927 Columbus, NE 68602-0927  
PHONE: 402-564-7104 FAX: 402-563-1290  
EMERGENCY PHONE: InfoTrac 1-800-535-5053  
E-MAIL: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Granular Insect Repellent & Deodorizer.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

This chemical is not considered hazardous according to the OSHA Communication Standard 2012 (29 CFR 1910.1200).

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** Do not eat, drink or smoke when using this product.  
Do not handle until all safety precautions have been read and understood.

**RESPONSE:** **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. **IF INHALED:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. **IF ON SKIN:** Gently wash with plenty of water. **IF SWALLOWED:** rinse mouth. **DO NOT INDUCE VOMITING!** Get medical advice/attention if you feel unwell.

### EMERGENCY OVERVIEW:

**PHYSICAL APPEARANCE:** Colored granules.

### POTENTIAL HEALTH EFFECTS:

**EYES:** Contact may cause eye irritation. **SKIN:** No significant effects or critical hazards. **INGESTION:** No known significant effects or critical hazards. **INHALATION:** Dust may be slightly irritating to eyes and respiratory tracts.

**ROUTES OF ENTRY:** Dermal contact. Eye contact. Inhalation. Ingestion.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, that are classified as hazardous to health or the environment and hence require reporting in this section.

## SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if eye irritation persists.

**SKIN:** Wash off with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Rinse mouth. **DO NOT INDUCE VOMITING!** Call a physician or Poison Control Center immediately.

**INHALATION:** Move victim to fresh air in case of accidental inhalation of vapors or decomposition products. Get medical attention immediately if symptoms occur.

## SECTION 5: FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** N/A = Not Applicable.



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<b>GENERAL HAZARD:</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.
<b>EXTINGUISHING MEDIA:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>EXPLOSION HAZARDS:</b>	None.
<b>PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>SENSITIVE TO STATIC DISCHARGE:</b>	None
<b>SENSITIVE TO IMPACT:</b>	None
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Decomposition products may include the following materials: carbon dioxide, carbon monoxide.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

**SPECIAL PROTECTIVE EQUIPMENT:** Avoid breathing vapors and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respiratory, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves). (See Section 8.)

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

**GENERAL PROCEDURES:** Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.

**SMALL SPILL:** Ventilate area. Contain spill and remove all sources of moisture. Sweep up spilled material and place in a properly labeled closed container for re-use or disposal.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**SAFE HANDLING:** Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

**STORAGE CONDITIONS:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**OTHER PRECAUTIONS:** **KEEP AWAY FROM CHILDREN!**

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Contains no substances with occupational exposure limit values.

### PERSONAL PROTECTIVE EQUIPMENT:

**EYE/FACE PROTECTION:** If splashes are likely to occur, wear: Tightly fitting safety goggles.

**SKIN AND BODY PROTECTION:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.



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**RESPIRATORY PROTECTION:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

**OTHER PROTECTIVE EQUIPMENT:** Ensure that eye wash stations and safety showers are close to the workstation location..

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice. 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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

<b>PHYSICAL STATE:</b>	Solid / Beads.
<b>APPEARANCE-</b>	Colored Granules.
<b>COLOR:</b>	White
<b>ODOR:</b>	Citronella fragrance.
<b>pH:</b>	Neutral.
<b>PERCENT VOLATILE:</b>	No data available.
<b>FLASH POINT &amp; METHOD:</b>	No data available.
<b>AUTO-IGNITION TEMPERATURE:</b>	N/A = Not applicable.
<b>THERMAL DECOMPOSITION:</b>	No data available.
<b>SOLUBILITY IN WATER:</b>	Not soluble.

## SECTION 10: STABILITY AND REACTIVITY

**STABLE:** Yes

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known.

**HAZARDOUS POLYMERIZATION:** Does not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Mild irritant.

**CHRONIC:** No data available.

**SUBCHRONIC:** 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.

**NTP:** 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 NTP.

**OSHA:** 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 OSHA.

**REPEATED DOSE EFFECTS:** None known.

**IRRITATION:** May cause mild eye irritation.

**CORROSIVITY:** None.

**SENSITIZATION:** None expected.

**NEUROTOXICITY:** None known.

**GENETIC EFFECTS:** None known.

**REPRODUCTIVE EFFECTS:** None known.

**TARGET ORGANS:** None known.

**TERATOGENIC EFFECTS:** None known.

**MUTAGENICITY:** None known.

**SYNERGISTIC MATERIALS:** None known.



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## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No known significant effects or critical hazards.

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** This material, as supplied, is not a hazardous waste according to federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixing with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**EMPTY CONTAINER :** Do not reuse empty containers.

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

**CONTAINER SIZES(S):** ALL SIZES  
**PROPER SHIPPING NAME:** DEODORANTS, N.O.I., DRY  
**HAZARD CLASS:** NONE  
**ID NUMBER:** NONE  
**PACKING GROUP:** NONE  
**LABEL STATEMENT:** NONE

**OTHER SHIPPING INFORMATION:** Not regulated for domestic ground transportation.

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

**SARA 311/312 HAZARD CATEGORIES:** Contains no ingredients above reportable quantities listed as a carcinogen.

**313 REPORTABLE INGREDIENTS:** No data available.

#### 302/304 EMERGENCY PLANNING:

**EMERGENCY PLAN:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** No data available.

#### TSCA (TOXIC SUBSTANCE CONTROL ACT):

**TSCA REGULATORY:** No data available.

#### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

**29 CFR 1910.119 – PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** No data available.

**CARCINOGEN:** Contains no ingredients above reportable quantities listed as a carcinogen.

## SECTION 16: OTHER INFORMATION

**HMIS/NFPA Ratings:** Health = 0; Flammability = 0; Reactivity = 0; Other = -; Protection = A.

**REVISION DATE:** 11/19/18

**DISCLAIMER:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.