



SAFETY DATA SHEET

Section 1. Identification

Product Code: No. GC36
Product Name: Calcium Blocker
Recommended Use: Multi-Surface Calcium/Scale Protectant
Restrictions on Use or Sale: None
Manufacturer: Beno J. Gundlach Co.
211 N 21st Street
Belleville, IL 62226
Phone Number: 618 233-1781
24- Hour Emergency Telephone: 800-535-5053

Section 2. Hazards Identification

GHS CLASSIFICATION: Eye Irritation – NO UNTOWARD EFFECTS
Skin Irritation – NO UNTOWARD EFFECTS
Acute Toxicity – NO UNTOWARD EFFECTS
Respiratory Sensitization – Classification Not Possible
Skin Sensitization – NO UNTOWARD EFFECTS

GHS LABEL REQUIREMENTS: Symbol – None
Signal Word - None
Hazard Statement(s) – None
Precautionary Statement(s) - None

OTHER HAZARDS: None

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
3-(Trimethoxysilyl) propyldimethyloctadecyl ammonium Chloride	< 1.0%	27668-52-6
Chloropropyltrihydroxysilane	< 0.1%	2530-87-2
Water	> 95%	7732-18-5

Section 4. First Aid Measures

INGESTION: NO SPECIAL REQUIREMENTS
SKIN: NO SPECIAL REQUIREMENTS
INHALATION: NO SPECIAL REQUIREMENTS
EYES: NO SPECIAL REQUIREMENTS

Section 5. Fire Fighting Measures

Hazard Type	None
Hazards from decomposition products	None
Suitable Extinguishing media	As for surrounding fire
Precautions for firefighters and special protective clothing	No special precautions required
HAZCHEM CODE	

Section 6. Accidental Release Measures**Land Spill or Leaks**

Wipe or soak up in an inert material (sand, earth, sawdust) and put in a container for disposal. Wear proper eye protective equipment. Warn other workers of spill.

Section 7. Handling and Storage**Approved Handlers:**

Not Required

Precautions for safe handling:

No special precautions

Conditions for safe storage:

Store upright in a cool place between 10°C and 35°C
Keep container closed when not in use. Avoid contact with eyes

Section 8.	Exposure controls/personal protection
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RESPIRATORY PROTECTION:	NO SPECIAL REQUIREMENTS
PROTECTIVE GLOVES:	NO SPECIAL REQUIREMENTS
EYE AND FACE PROTECTION:	NO SPECIAL REQUIREMENTS
OTHER PROTECTIVE EQUIPMENT:	NO SPECIAL REQUIREMENTS
VENTILATION:	NO SPECIAL REQUIREMENTS

Section 9.	Physical and Chemical Properties
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Physical State:	Liquid
Color:	Clear
Odor:	None/Slight
pH:	Approximately 7
Solubility:	Miscible with water
Relative Vapor Density (air=1):	>1
Boiling point:	100 °C
Freezing Point:	-5 °C
Melting Point:	NA
Ignition Point:	None
Flash Point:	None
Specific Gravity (water = 1):	1.0
Volatile by Volume:	>99%

Section 10.	Stability and Reactivity
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Chemical Stability	Stable
Conditions to Avoid	Oxidising materials can cause a reaction, anionic materials. Heat & Freezing.
Incompatibility	Strong acids and alkalis
Hazardous Decomposition Products	None

Section 11.	Toxicological Information
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Acute Oral Toxicity	LD₅₀ Rat (oral) > 5000 mg/kg body weight
Acute Dermal Toxicity	LD₅₀ Rat (dermal) > 5000 mg/kg body weight
Chronic Effects	No studies yet available

Section 12. Ecological Information

BIODEGRADABILITY: No data
BIOACCUMULATION: No data

Environmental Precautions This product is not hazardous to the environment

Section 13. Disposal Considerations

Rinse container with water. Place empty container in recycling bin

Section 14. Transport Information

DOT SHIPPING NAME	CHEMICALS, N.O.S.
DOT HAZARD CLASS	NONE
DOT LABEL(S)	NONE
UN/NA NUMBER	NONE
PLACARDS	NONE
EXPORT	CHEMICALS, N.O.S.
EPA HAZARD WASTE	N/A
OSHA HAZARD CLASS	N/A
CPSC CLASSIFICATION	N/A
TRANSPORTATION CLASS:	IMO NONE
RID(OCTI)	NONE
ADR(ECE)	NONE
RAR(IATA)	NONE
NFPA/HMIS CLASSIFICATION:	FLAMMABILITY 0, REACTIVITY 0, HEALTH 0

Section 15. Regulatory Information

TSCA: All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Issue Date: May 15, 2015

Prepared by: Manufacturer

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE. THE RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED US
