



SAFETY DATA SHEET

BGO145010

1. PRODUCT AND COMPANY IDENTIFICATION

Company

Bayou Gas Odorants
300B Williams Lake road
Pineville, Louisiana 71360

Customer Service Telephone Number: (318) 767-0820
(Monday through Friday, 8:00AM to 5:00PM CST)

Emergency Information

Transportation: CHEMTREC: (800) 424-9300
(24 hrs., 7 days a week)
Medical: Rocky Mountain Poison Center: (866) 767-5089
(24 hrs., 7 days a week)

Product Information

Product name: BGO145010
Synonyms: Not available
Molecular formula: Mixture
Chemical family: mercaptans
Product use: Odour agents

2. HAZARDS IDENTIFICATION

Emergency Overview

Color: colourless
Physical state: liquid
Odor: strong, stinging

*Classification of the substance or mixture:

Flammable liquid., Category 2,
Oral: Acute toxicity, Category 4,
Eye irritation, Category 2A,
Skin sensitisation, Category 1,
Acute aquatic toxicity, Category 1,
Chronic aquatic toxicity, Category 1,

*For the full text of the H-Statements mentioned in this Section, see Section 16.

GHS-Labeling

Hazard pictograms:



Signal word:

Danger

Hazard statements:

- : Highly flammable liquid and vapour.
- : Harmful if swallowed.
- : May cause an allergic skin reaction.
- : Causes serious eye irritation.
- : Very toxic to aquatic life with long lasting effects.

Supplemental Hazard Statements:

Objectionable odor may cause nausea, headache or dizziness.
May displace oxygen and cause rapid suffocation.

Precautionary statements:

Prevention:

- : Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- : Keep container tightly closed.
- : Ground/bond container and receiving equipment.
- : Use explosion-proof electrical/ ventilating/ lighting/ equipment.
- : Use only non-sparking tools.
- : Take precautionary measures against static discharge.
- : Avoid breathing gas/mist/vapours/spray.
- : Wash skin thoroughly after handling.
- : Do not eat, drink or smoke when using this product.
- : Contaminated work clothing should not be allowed out of the workplace.
- : Avoid release to the environment.
- : Wear protective gloves/ eye protection/ face protection.

Response:

- : IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- : IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : Rinse mouth.
- : If skin irritation or rash occurs: Get medical advice/ attention.
- : If eye irritation persists: Get medical advice/ attention.
- : Wash contaminated clothing before reuse.
- : In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
- : Collect spillage.

Storage:

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

Disposal:

- : Dispose of contents/ container to an approved waste disposal plant.

Supplemental information:

Potential Health Effects:

- Objectionable odor may cause nausea, headache or dizziness. Vapor is heavier than air and can cause suffocation by reducing oxygen available for breathing.
- May also cause: chest discomfort, accumulation of fluid in the lungs, (severity of effects depends on extent of exposure).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Wt/Wt	GHS Classification**
2-Propanethiol	75-33-2	>= 60 - <= 100 %	H225, H317, H400, H410
Methane, thiobis-	75-18-3	>= 8 - < 30 %	H225, H319
2-Propanethiol, 2-methyl-	75-66-1	>= 8 - < 30 %	H225, H317, H411
1-Propanethiol	107-03-9	>= 1 - < 5 %	H225, H302, H317, H400

**For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1. Description of necessary first-aid measures:

Inhalation:

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin:

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion:

If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention. Never give anything by mouth to an unconscious person. Rinse mouth.

4.2. Most important symptoms/effects, acute and delayed:

For most important symptoms and effects (acute and delayed), see Section 2 (Hazard Statements and Supplemental Information) and Section 11 (Toxicology Information) of this SDS.

4.3. Indication of immediate medical attention and special treatment needed, if necessary:

Unless otherwise noted in Notes to Physician, no specific treatment noted; treat symptomatically.

5. FIREFIGHTING MEASURES

Extinguishing media (suitable):



SAFETY DATA SHEET

BGO145010

Foam, Dry powder, Carbon dioxide (CO₂)

Extinguishing media (unsuitable):

High volume water jet

Protective equipment:

Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand / NIOSH approved or equivalent).

Further firefighting advice:

Cool closed containers exposed to fire with water spray.

Do not use a solid water stream as it may scatter and spread fire.

Closed containers of this material may explode when subjected to heat from surrounding fire.

After a fire, wait until the material has cooled to room temperature before initiating clean-up activities.

Do not allow run-off from fire fighting to enter drains or water courses.

Fire fighting equipment should be thoroughly decontaminated after use.

Fire and explosion hazards:

Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, and other flames and ignition sources at locations distant from material handling point.

Vapours may form explosive mixture with air.

When burned, the following hazardous products of combustion can occur:

Carbon oxides

sulfur oxides

hydrogen sulfide

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Emergency procedures, Methods and materials for containment/clean-up:

Prevent further leakage or spillage if you can do so without risk. Evacuate area of all unnecessary personnel. Eliminate all ignition sources. Ventilate area only if odor control is not an issue. Cover spill area with closed-cell foam to reduce odors (use of Aqueous Film Forming Foam (AFFF) with polymeric layer is acceptable). If foam is unavailable, absorb spill with liquid-binding material (e.g. diatomaceous earth, saw dust universal binder) and deodorize residue on ground with 3-10% hydrogen peroxide. Wash with water and recover it. If spill is contained within a large containment area, add 5% bleach solution (sodium hypochlorite) in a 50 parts bleach solution to one part product dilution ratio. Swimming pool chemicals (hypochlorite compounds) work effectively in deodorizing product. If these are applied to product, the crystals must be accompanied by sufficient water of dilution so that the considerable heat of reaction will be absorbed. Enzyme or bacteria based deodorizers are also acceptable for use. Sweep or scoop up using non-sparking tools and place into suitable properly labeled containers for prompt disposal. Place waste materials into Department of Transportation (DOT)-approved drums for disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Protective equipment:

Appropriate personal protective equipment is set forth in Section 8.

7. HANDLING AND STORAGE

Handling

General information on handling:

Do not taste or swallow.
Avoid breathing vapor or mist.
Avoid contact with skin, eyes and clothing.
Keep away from heat, sparks and flames.
No smoking.
Keep container closed.
Use only with adequate ventilation.
Wash thoroughly after handling.
Check that all equipment is properly grounded and installed to satisfy electrical classification requirements.
Container hazardous when empty.
Emptied container retains vapor and product residue.
Do not enter confined spaces unless adequately ventilated.
Follow label warnings even after container is emptied.
RESIDUAL VAPORS MAY EXPLODE ON IGNITION.
DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR THIS CONTAINER.
Improper disposal or reuse of this container may be dangerous and/or illegal.

Storage

General information on storage conditions:

Keep in a dry, cool place. Keep away from direct sunlight. Keep container closed when not in use. Store in closed containers, in a secure area to prevent container damage and subsequent spillage. Store in well ventilated area away from heat and sources of ignition such as flame, sparks and static electricity. Ensure that all storage and handling equipment is properly grounded and installed to satisfy electrical classification requirements. Static electricity may accumulate when transferring material. All metal and groundable storage containers, including but not limited to drums, cylinders, Returnable Intermodal Bulk Containers (RIBCs) and Class C Flexible Intermodal Bulk Containers (FIBCs) must be bonded and grounded during filling and emptying operations. Observe all federal, state and local regulations and National Fire Protection Association (NFPA) Codes which pertain to the specific local conditions of storage and use, including OSHA 29 CFR 1910.106 and NFPA 30, 70, 77, and 497.

Storage incompatibility – General:

Store separate from: Strong oxidizing agents

Acids (concentrated solutions)

Alkaline earth metals

Bases

Reducing agents

hydrogen peroxide

hypochlorites

nitric acid



SAFETY DATA SHEET

BGO145010

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Guidelines:

Methane, thiobis- (75-18-3)

US. ACGIH Threshold Limit Values

Time weighted average 10 ppm

Only those components with exposure limits are printed in this section. Limits with skin contact designation above have skin contact effect. Air sampling alone is insufficient to accurately quantitate exposure. Measures to prevent significant cutaneous absorption may be required. Limits with a sensitizer designation above mean that exposure to this material may cause allergic reactions.

Engineering controls:

Investigate engineering techniques to reduce exposures below airborne exposure limits or to otherwise reduce exposures. Provide ventilation if necessary to minimize exposures or to control exposure levels to below airborne exposure limits (if applicable see above). If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Monitor carbon monoxide and oxygen levels in tanks and enclosed spaces. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Respiratory protection:

Avoid breathing vapor or mist. Where airborne exposure is likely or airborne exposure limits are exceeded (if applicable, see above), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. Consult respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure or where exposure limit may be significantly exceeded, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR § 1910.134.

Skin protection:

Wear appropriate chemical resistant protective clothing and chemical resistant gloves to prevent skin contact. Consult glove manufacturer to determine appropriate type glove material for given application. Wear chemical goggles, a face shield, and chemical resistant clothing such as a rubber apron when splashing may occur. Rinse immediately if skin is contaminated. Remove contaminated clothing immediately and wash before reuse. Clean protective equipment before reuse. Provide a safety shower at any location where skin contact can occur. Wash thoroughly after handling.

Eye protection:

Where there is potential for eye contact, wear chemical goggles and have eye flushing equipment immediately available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: colourless

Physical state: liquid

Odor: strong, stinging

Odor threshold:	0.1 ppb
Flash point	< 0.01 °F (< -17.77 °C) (Tag closed cup)
Auto-ignition temperature:	not determined
Lower flammable limit (LFL):	Not determined
Upper flammable limit (UFL):	Not determined
pH:	not determined
Density:	not determined
Specific Gravity (Relative density):	0.825 (59.9 °F(15.5 °C))
Vapor pressure:	460 mmHg (100.0 °F (37.8 °C))
Relative vapor density:	2.62 (Air = 1.0)
Vapor density:	not determined
Boiling point/boiling range:	127 °F (53 °C)
Melting point/range:	not determined
Freezing point:	< -58 °F (< -50 °C)
Evaporation rate:	No data available
Solubility in water:	68 °F (20 °C) insoluble
Solubility in other solvents: [qualitative and quantitative]	Soluble in: Alcohols Ethyl ether
Viscosity, dynamic:	No data available
% Volatiles:	100 %
Oil/water partition coefficient:	No data available
Thermal decomposition	No data available
Flammability:	See GHS Classification in Section 2

10. STABILITY AND REACTIVITY

Stability:

This material is chemically stable under normal and anticipated storage, handling and processing conditions.

Hazardous reactions:

None known.

Materials to avoid:

- Reacts violently with :
Strong oxidizing agents
Acids (concentrated solutions)
Bases
Reducing agents
Hydrogen peroxide
Nitric acid
Hypochlorites
Alkaline earth metals

Conditions / hazards to avoid:

Keep away from heat and sources of ignition. To avoid thermal decomposition, do not overheat.

Hazardous decomposition products:

Thermal decomposition giving flammable and toxic products :
Carbon oxides
sulfur oxides
hydrogen sulfide

11. TOXICOLOGICAL INFORMATION

Data on this material and/or its components are summarized below.

Oral:

Acute toxicity estimate 642.28 mg/kg.

Inhalation:

4 h Acute toxicity estimate > 40 mg/l. (vapor)

Data for 2-Propanethiol (75-33-2)

Other information

Due to the viscosity, this substance may present an aspiration hazard.
Symptoms of aspiration may include increased breathing and heart rate, coughing and related signs of respiratory distress.

Data for Methane, thiobis- (75-18-3)

Acute toxicity

Oral:

Harmful if swallowed. (rat and mouse) LD50 = 535 - 3,700 mg/kg.

Dermal:

Practically nontoxic. (Rabbit) LD50 > 5,000 mg/kg.

Inhalation:

Practically nontoxic. (Rat) 4 h LC50 = 102.3 mg/l 40250 ppm. (vapor)

Skin Irritation:

Practically non-irritating. (Rabbit) Irritation Index: 0.4/8. (24 h)

Eye Irritation:

Causes serious eye irritation. (Rabbit)

Repeated dose toxicity

Subchronic oral administration to Rat / No adverse systemic effects reported.

Genotoxicity

Assessment in Vitro:

No genetic changes were observed in laboratory tests using: bacteria, animal cells

Genotoxicity

Assessment in Vivo:

No genetic changes were observed in laboratory tests using: mice

Developmental toxicity

Exposure during pregnancy. Oral (Rat) / No birth defects were observed.

Other information

Due to the viscosity, this substance may present an aspiration hazard.

Symptoms of aspiration may include increased breathing and heart rate, coughing and related signs of respiratory distress.

Human experience

Skin contact:

No skin allergy was observed. (repeated or prolonged exposure)

Data for 2-Propanethiol, 2-methyl- (75-66-1)

Acute toxicity

Oral:

May be harmful if swallowed. (rat) LD50 = 4,729 mg/kg.

Dermal:

No deaths occurred. (rabbit) LD0 > 2,000 mg/kg.

Inhalation:

Practically nontoxic. (rat) 4 h LC50 = 82 - 98 mg/l. (vapor)

Skin Irritation:

Not irritating. (rabbit) Irritation Index: 0/8. (4 h) (occluded exposure)

Eye Irritation:

Causes mild eye irritation. (rabbit)

Skin Sensitization:

May cause an allergic skin reaction. Buehler method. (guinea pig) Skin allergy was observed.

May cause allergic skin reaction. LLNA: Local Lymph Node Assay. (mouse) Produced an allergic reaction.

Repeated dose toxicity

Subchronic inhalation administration to rat / affected organ(s): kidney / signs: inflammation, degeneration, increased organ weight / (not considered relevant to humans)

Repeated oral administration to rat / affected organ(s): kidney / signs: hyaline droplet nephropathy / (not considered relevant to humans)

Genotoxicity

Assessment in Vitro:

No genetic changes were observed in laboratory tests using: bacteria, animal cells

Genotoxicity

Assessment in Vivo:

No genetic changes were observed in laboratory tests using: mice

Developmental toxicity

Exposure during pregnancy. inhalation (rat and mouse) / No birth defects were observed. Reproductive/Developmental Effects Screening Assay. oral (rat) / No birth defects were observed.

Reproductive effects

Reproductive/Developmental Effects Screening Assay. oral (rat) / No toxicity to reproduction.

Other information

Due to the viscosity, this substance may present an aspiration hazard. Symptoms of aspiration may include increased breathing and heart rate, coughing and related signs of respiratory distress.

Data for 1-Propanethiol (107-03-9)

Acute toxicity

Oral:

Harmful if swallowed. (Rat) LD50 = 1,848 mg/kg.

Dermal:

May be harmful in contact with skin. (Rabbit) LD50 > 2,000 mg/kg.

Inhalation:

Practically nontoxic. (Rat) 4 h LC50 = 22.8 mg/l. (vapor)

Skin Irritation:

Practically non-irritating. (Rabbit) Irritation Index: 0.2/8. (4 h)

Eye Irritation:

Causes mild eye irritation. (Rabbit) Irritation Index: 1.8 - 3.3/110.

Skin Sensitization:

May cause allergic skin reaction. LLNA: Local Lymph Node Assay. (Mouse) Produced an allergic reaction. (data for a similar material)

Other information

Due to the viscosity, this substance may present an aspiration hazard. Symptoms of aspiration may include increased breathing and heart rate, coughing and related signs of respiratory distress.

Human experience

Inhalation:

Objectionable odor may cause nausea, headache or dizziness.

Human experience

Eye contact:

Eye: irritating. (vapor)

12. ECOLOGICAL INFORMATION

Chemical Fate and Pathway

Data on this material and/or its components are summarized below.

Data for Methane, thiobis- (75-18-3)

Biodegradation:

Readily biodegradable. (28 d) biodegradation 67 - 77 %

Octanol Water Partition Coefficient:

log Pow = 0.84 (calculated)

Data for 2-Propanethiol, 2-methyl- (75-66-1)

Biodegradation:

Not readily biodegradable. (63 d) biodegradation 6 %

Data for 1-Propanethiol (107-03-9)

Biodegradation:

Readily biodegradable. (14 d) biodegradation 94 %

Octanol Water Partition Coefficient:

log Pow = 1.81 (measured)

Ecotoxicology

Data on this material and/or its components are summarized below.

Data for Methane, thiobis- (75-18-3)

Aquatic toxicity data:

Practically nontoxic. *Oncorhynchus mykiss* (rainbow trout) 96 h LC50 = 213 mg/l

Aquatic invertebrates:

Harmful. *Daphnia magna* (Water flea) 48 h LC50 = 29 - 81 mg/l

Algae:

Practically nontoxic. *Pseudokirchneriella subcapitata* (green algae) 72 h EC50 > 113 mg/l

Data for 2-Propanethiol, 2-methyl- (75-66-1)

Aquatic toxicity data:

Harmful. *Oncorhynchus mykiss* (rainbow trout) 96 h LC50 = 34 mg/l

Aquatic invertebrates:

Toxic. *Daphnia magna* (Water flea) 48 h EC50 = 6.7 mg/l

Algae:

Harmful. *Pseudokirchneriella subcapitata* (green algae) 72 h EC50 = 24 mg/l

Data for 1-Propanethiol (107-03-9)

Aquatic toxicity data:

Toxic. *Pimephales promelas* (fathead minnow) 96 h LC50 = 1.3 mg/l

Aquatic invertebrates:

Very toxic. *Daphnia magna* (Water flea) 48 h EC50 = 0.07 mg/l

13. DISPOSAL CONSIDERATIONS

Waste disposal:

Disposal via incineration is recommended. Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

Take appropriate measures to prevent release to the environment.

14. TRANSPORT INFORMATION

US Department of Transportation (DOT)

UN Number : 3336
Proper shipping name : Mercaptan, liquid, flammable, n.o.s.
Technical name : (tert-Butylmercaptan, Isopropyl mercaptan)
Class : 3
Packaging group : II
Marine pollutant : yes

International Maritime Dangerous Goods Code (IMDG)



SAFETY DATA SHEET

BGO145010

UN Number : 3336
Proper shipping name : MERCAPTANS, LIQUID, FLAMMABLE, N.O.S.
Technical name : (PROPANETHIOLS)
Class : 3
Packaging group : II
Marine pollutant : yes
Flash point : < 0.01 °F (< -17.77 °C) Tag closed cup

15. REGULATORY INFORMATION

Chemical Inventory Status

EU. EINECS	EINECS	Conforms to
United States TSCA Inventory	TSCA	The components of this product are all on the TSCA Inventory.
Canadian Domestic Substances List (DSL)	DSL	All components of this product are on the Canadian DSL
China. Inventory of Existing Chemical Substances in China (IECSC)	IECSC (CN)	Conforms to
Japan. ENCS - Existing and New Chemical Substances Inventory	ENCS (JP)	Conforms to
Japan. ISHL - Inventory of Chemical Substances	ISHL (JP)	Conforms to
Korea. Korean Existing Chemicals Inventory (KECI)	KECI (KR)	Conforms to
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	PICCS (PH)	Conforms to
Australia Inventory of Chemical Substances (AICS)	AICS	Conforms to

United States – Federal Regulations

SARA Title III – Section 302 Extremely Hazardous Chemicals:

The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations.

SARA Title III - Section 311/312 Hazard Categories:

Acute Health Hazard, Fire Hazard

SARA Title III – Section 313 Toxic Chemicals:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.



SAFETY DATA SHEET

BGO145010

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ):

<u>Chemical name</u>	<u>CAS-No.</u>	<u>Reportable quantity</u>
Methane, thiobis-	75-18-3	100 lbs
2-Propanethiol, 2-methyl-	75-66-1	100 lbs

United States – State Regulations

New Jersey Right to Know

<u>Chemical name</u>	<u>CAS-No.</u>
2-Propanethiol	75-33-2
Methane, thiobis-	75-18-3
2-Propanethiol, 2-methyl-	75-66-1
1-Propanethiol	107-03-9

New Jersey Right to Know – Special Health Hazard Substance(s)

<u>Chemical name</u>	<u>CAS-No.</u>
2-Propanethiol	75-33-2
Methane, thiobis-	75-18-3
2-Propanethiol, 2-methyl-	75-66-1
1-Propanethiol	107-03-9

Pennsylvania Right to Know

<u>Chemical name</u>	<u>CAS-No.</u>
2-Propanethiol	75-33-2
Methane, thiobis-	75-18-3
2-Propanethiol, 2-methyl-	75-66-1

Pennsylvania Right to Know – Environmentally Hazardous Substance(s)

<u>Chemical name</u>	<u>CAS-No.</u>
Methane, thiobis-	75-18-3

California Prop. 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

<u>Chemical name</u>	<u>CAS-No.</u>
Benzene	71-43-2

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

<u>Chemical name</u>	<u>CAS-No.</u>
Benzene	71-43-2
Carbon disulfide	75-15-0

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Highly flammable liquid and vapour.
Harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye irritation.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Toxic to aquatic life with long lasting effects.

Miscellaneous:

Other information: Refer to National Fire Protection Association (NFPA) Codes 30, 70, 77, and 497 and OSHA 29 CFR 1910.106, for safe handling.

Latest Revision(s):

Reference number: BGO145010
Date of Revision: 01/08/2019
Date Printed: 01/11/2019

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, BGO expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN.** The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement. See SDS for Health & Safety Considerations.