



Material Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Scentinel® E Gas Odorant

Synonyms: Gas Odorant; Mercaptan Mixture

Product CAS No.: Mixture

Company Identification:

Chevron Phillips Chemical Company LP
Specialty Chemicals
10001 Six Pines Drive
The Woodlands TX 77380

Product Information:

MSDS Requests: (800) 852 - 5530
Technical Information: (832) 813 - 4862
Responsible Party: Product Safety Group
Email:msds@cpchem.com

Chevron Phillips Chemicals International N.V.
Brusselsesteenweg 355
B-3090 Overijse
Belgium

24-Hour Emergency Telephone Numbers: HEALTH:Chevron Phillips Emergency Information Center 866.442.9628 (North America) and 1.832.813.4984 (International)

TRANSPORTATION: North America: CHEMTREC 800.424.9300 or 703.527.3887
ASIA: +1.703.527.3887
EUROPE: BIG .32.14.584545 (phone) or .32.14.583516 (telefax)
SOUTH AMERICA SOS-Cotec Inside Brazil: 0800.111.767
Outside Brazil: 55.19.3467.1600

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear liquid, repulsive odor.

NFPA RATINGS: **Health:** 2 **Flammability:** 3 **Reactivity:** 0

GHS Classification and Labeling:

Flammable liquid: Category 2.
Acute aquatic toxicant: Category 1.
Skin Sensitizer: Category 1.
Eye irritation: Category 2A.
Target organ toxicant (central nervous system): Category 3.

Signal Word: Danger



GHS Symbol:

Physical Hazards: Highly flammable liquid and vapor.

Environmental Hazards: Very toxic to aquatic life.

Health Hazards: Harmful if swallowed. May cause allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness.

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

Precautionary Hazard - 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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Wash contaminated clothing before reuse. Get medical advice/attention. Specific treatment (see Notes to Physician on this label). In case of fire: Use manufacturer/supplier or the competent authority to specify appropriate media for extinction. Collect spillage.

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

Precautionary Hazard - Disposal: Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

EU Classification:

Risk Phrases:

R43: May cause sensitization by skin contact.

R36: Irritating to eyes.

R50: Very toxic to aquatic organisms.

R65: Harmful: may cause lung damage if swallowed.

R11: Highly flammable.

R67: Vapors may cause drowsiness and dizziness.

Safety Phrases:

S24/25: Avoid contact with skin and eyes.

S62: If swallowed do not induce vomiting: seek medical advice immediately and show this container or label.

S36/37: Wear suitable protective clothing and gloves.

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

IMMEDIATE HEALTH EFFECTS:

Eye: Contact with the eyes causes irritation. Symptoms may include pain, tearing, reddening, swelling and impaired vision. Not expected to cause prolonged or significant eye irritation.

Skin: Contact with the skin may cause an allergic skin reaction. Symptoms may include pain, itching, discoloration, swelling, and blistering. Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.

Ingestion: This material can directly enter the lungs, if swallowed, or if subsequently vomited. Once in the lungs it is very difficult to remove and can cause severe injury or death.

Inhalation: Not expected to be harmful if inhaled. This material has a strong objectionable odor that may cause nausea, dizziness, or headache.

DELAYED OR OTHER HEALTH EFFECTS:

Reproduction and Birth Defects: This material is not expected to cause birth defects or other harm to the developing fetus based on animal data.

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS
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COMPONENT	CAS NUMBER	AMOUNT	EINECS / ELINCS	SYM	R-Phrases
Tertiary Butyl Mercaptan	75-66-1	77 % weight	200-890-2	NA	NA
Isopropyl Mercaptan	75-33-2	16 % weight	200-861-4	NA	NA
N-Propyl Mercaptan	107-03-9	6 % weight	203-455-5	NA	NA
Proprietary Materials	Various	1 % weight	NA	NA	NA

Occupational Exposure Limits:

Component	Limit	TWA	STEL	Ceiling / Peak	Notation
Isopropyl Mercaptan	ACGIH	Not Established	NA	NA	NA
N-Propyl Mercaptan	ACGIH	Not Established	NA	NA	NA
Tertiary Butyl Mercaptan	ACGIH	Not Established	NA	NA	n-Butyl Mercaptan: 0.5 ppm
Tertiary Butyl Mercaptan	CPCHEM	.5 ppm	NA	NA	As n-Butyl Mercaptan

SECTION 4 FIRST AID MEASURES

Eye: Flush eyes with running water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing, and continue flushing for at least 15 minutes. Get medical attention if irritation persists.

Skin: To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse. Get medical attention if any symptoms develop.

Ingestion: If swallowed, do not induce vomiting. Give the person a glass of water or milk to drink and get immediate medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.

Note to Physicians: Ingestion of this product or subsequent vomiting may result in aspiration of light hydrocarbon liquid, which may cause pneumonitis.

SECTION 5 FIRE FIGHTING MEASURES

See Section 7 for proper handling and storage.

FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200): Flammable liquid.

NFPA RATINGS: **Health:** 2 **Flammability:** 3 **Reactivity:** 0

FLAMMABLE PROPERTIES:

Flashpoint: -18°C (-0.4°F) Estimated

Autoignition: 200°C (392°F)

Flammability (Explosive) Limits (% by volume in air): **Lower:** 1.4 **Upper:** 12.5

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form: Sulfur Oxides

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in the vicinity of the spill or released vapor. If this material is released into the work area, evacuate the area immediately. Monitor area with combustible gas indicator. Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible sorbent materials or pumping. All equipment used when handling the product must be grounded. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Spill residues and contaminated soil may be deodorized using dilute (5%) aqueous solutions of bleach (sodium hypochlorite). Alternatively, household bleach (Clorox, Purex) in a dilute solution may be used. Do not use concentrated or dry bleach. Absorb in dry, inert material. Do not attempt to neutralize or deodorize bulk liquid mercaptan. Concentrated bleach will cause heating and possible ignition. Attempts to neutralize bulk liquid mercaptan with bleach solutions will be ineffective and only serve to increase the amount of liquid to dispose.

Reporting: U.S.A. regulations may require reporting spills of this material that could reach any surface waters. Report spills to local authorities and/or the National Response Center at (800) 424-8802 as appropriate or required.

SECTION 7 HANDLING AND STORAGE

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL . REFER TO PRODUCT LABEL OR MANUFACTURERS TECHNICAL BULLETINS FOR THE PROPER USE AND HANDLING OF THIS MATERIAL .

Precautionary Measures: This material presents a fire hazard. Liquid quickly evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 15°F. Avoid breathing vapors or fumes which may be released during thermal processing.

General Handling Information: Avoid work practices that may release volatile components in the atmosphere. Local air pollution regulations should be consulted to determine if the release of volatile components is regulated or restricted in the area in which this material is used. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations, which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids, National Fire Protection Association (NFPA 77), Recommended Practice on Static Electricity' (liquids, powders and dusts), and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents' (liquids).

General Storage Information: DO NOT USE OR STORE near heat, sparks or open flames. USE AND STORE ONLY IN WELL VENTILATED AREA. Keep container closed when not in use.

Container Warnings: Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits. Use in a well-ventilated area. If heated material generates vapor or fumes, use process enclosures, local exhaust ventilation, or other engineering controls to control exposure.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Wear eye protection such as safety glasses, chemical goggles, or faceshields if engineering controls or work practices are not adequate to prevent eye contact.

Skin Protection: Wear impervious protective clothing to prevent skin contact. Selection of protective clothing may include gloves, apron, boots, and complete facial protection depending on operations conducted. Users should determine acceptable performance characteristics of protective clothing. Consider physical requirements and other substances present when selecting protective clothing. Suggested materials for protective gloves include: 4H (PE/EVAL)

Respiratory Protection: No respiratory protection is normally required. If heated material generates vapor or fumes that are not adequately controlled by ventilation, wear a NIOSH approved respirator. Use the following elements for air-purifying respirators: Air-Purifying Respirator for Dusts and Mists

Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection. Air-purifying respirators are not recommended due to potential olfactory fatigue.

Occupational Exposure Limits:

Component	Limit	TWA	STEL	Ceiling / Peak	Notation
Isopropyl Mercaptan	ACGIH	Not Established	NA	NA	NA
N-Propyl Mercaptan	ACGIH	Not Established	NA	NA	NA
Tertiary Butyl Mercaptan	ACGIH	Not Established	NA	NA	n-Butyl Mercaptan: 0.5 ppm
Tertiary Butyl Mercaptan	CPCHEM	.5 ppm	NA	NA	As n-Butyl Mercaptan

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear liquid, repulsive odor.

Autoignition: 200°C (392°F)

Boiling Point: 59°C (138.2°F) - 67°C (152.6°F)

Evaporation Rate: >1 (N-Butyl Acetate = 1)

Flammability (Explosive) Limits (% by volume in air): Lower: 1.4 Upper: 12.5

Flashpoint: -18°C (-0.4°F) Estimated

Molecular Formula: C₄H₁₀S

Molecular Weight: 90.18 g/mol

Melting Point: NDA

Octanol / Water Partition Coefficient: log-Kow: NDA

pH: NA

Pour Point: NDA

Solubility (in water): Negligible

Specific Gravity: 0.806 @ 16 °C (61°F)

Vapor Pressure: 7 psia @ 38 °C (100°F)

Vapor Density (AIR=1): >2

Viscosity: NDA

Percent Volatile: 100 % volume

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Conditions to Avoid: Not Applicable

Incompatibility With Other Materials: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous Decomposition Products: Sulfur Oxides. Carbon Oxides.

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS:

Acute Oral Toxicity: Tertiary Butyl Mercaptan: LD50 / rat / 4729 mg/kg

Acute Dermal Toxicity: Tertiary Butyl Mercaptan: LD50 / rabbit / > 2000 mg/kg

Acute Inhalation Toxicity: Tertiary Butyl Mercaptan: LC50 / rat / 26,432 ppm / 4 hour(s)

Eye Irritation: Tertiary Butyl Mercaptan: This material is irritating to the eyes.

Skin Irritation: Tertiary Butyl Mercaptan: This material is not expected to be irritating to the skin.

Sensitization: Dermal / sensitizer / guinea pig / based on test results for the components or similar materials

ADDITIONAL TOXICOLOGY INFORMATION:

This product contains TERTIARY BUTYL MERCAPTAN:

Repeated Dose Toxicity: 13 weeks / Inhalation / rat / Doses 0, 9, 97 or 196ppm / 6 h/day, 5 days/week /LOAEL = 9ppm (proximal tubular nephrosis was observed in male rats only)

Reproductive and Developmental Toxicity: GD 6-16 / inhalation / mice / Doses: 0, 11, 99 or 195ppm (atmospheric concentration) / 6hr/day / NOAEL > 195ppm (no teratology effects were observed); GD 6-19 / inhalation / rat / Doses: 0, 11, 99 or 195ppm (atmospheric concentration) / 6hr/day / NOAEL = 195 ppm (no teratology effects were observed)

Genetic Toxicity: Ames test – negative; Sister Chromatid Exchange Assay – negative; Mouse lymphoma forward mutational assay – negative; Mouse micronucleus assay - negative

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY:

This material is expected to be highly toxic to aquatic organisms.

N-Propyl Mercaptan - 96 hour(s) / NOEC / fathead minnow (*Pimephales promelas*) / 1.3 mg/l

N-Propyl Mercaptan - 48 hour(s) / LC50 / water flea (*Daphnia magna*) / 0.07 mg/l

Tertiary Butyl Mercaptan - 72 hour(s) / EC50 / green algae (*Selenastrum capricornutum*) / 24 mg/l

Tertiary Butyl Mercaptan - 96 hour(s) / LC50 / rainbow trout (*Oncorhynchus mykiss*) / 34 mg/l

ENVIRONMENTAL FATE:

This material is expected to be readily biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of

a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

SECTION 14 TRANSPORT INFORMATION

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition). Consult the appropriate domestic or international mode- specific and quantity- specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the MSDS and the bill of lading.

Shipping Descriptions per regulatory authority.

US DOT

UN3336, MERCAPTANS, LIQUID, FLAMMABLE, N.O.S., (tert-Butyl mercaptan and Isopropyl mercaptan), 3, II

ICAO / IATA

UN3336, MERCAPTANS, LIQUID, FLAMMABLE, N.O.S., (tert-Butyl mercaptan and Isopropyl mercaptan), 3, II

IMO / IMDG

UN3336, MERCAPTANS, LIQUID, FLAMMABLE, N.O.S., (tert-Butyl mercaptan and Isopropyl mercaptan), 3, II, (-18°C)

RID / ADR

UN3336, MERCAPTANS, LIQUID, FLAMMABLE, N.O.S., (tert-Butyl mercaptan and Isopropyl mercaptan), 3, II

SECTION 15 REGULATORY INFORMATION

SARA 311/312 CATEGORIES:

- | | |
|---------------------------------------|-----|
| 1. Immediate (Acute) Health Effects: | YES |
| 2. Delayed (Chronic) Health Effects: | NO |
| 3. Fire Hazard: | YES |
| 4. Sudden Release of Pressure Hazard: | NO |
| 5. Reactivity Hazard: | NO |

REGULATORY LISTS SEARCHED:

- | | | |
|-----------------------------|--------------------|-----------------------------|
| 01 = CA Prop 65 | 17 = FDA 178 | 33 = - |
| 02 = LA RTK | 18 = FDA 179 | 34 = - |
| 03 = MA RTK | 19 = FDA 180 | 35 = - |
| 04 = MN Hazardous Substance | 20 = FDA 181 | 36 = - |
| 05 = NJ RTK | 21 = FDA 182 | 37 = SARA Section 302 |
| 06 = PA RTK | 22 = FDA 184 | 38 = SARA Section 313 |
| 07 = - | 23 = FDA 186 | 39 = TSCA 12 (b) |
| 08 = - | 24 = FDA 189 | 40 = TSCA Section 4 |
| 09 = CWA Section 311 | 25 = IARC Group 1 | 41 = TSCA Section 5(a) |
| 10 = DOT Marine Pollutant | 26 = IARC Group 2A | 42 = TSCA Section 8(a) CAIR |
| 11 = FDA 172 | 27 = IARC Group 2B | 43 = TSCA Section 8(a) PAIR |

12 = FDA 173
13 = FDA 174
14 = FDA 175
15 = FDA 176
16 = FDA 177

28 = IARC Group 3
29 = IARC Group 4
30 = NTP Carcinogen
31 = OSHA Carcinogen
32 = OSHA Highly Hazardous

44 = TSCA Section 8(d)
45 = WHIMS - IDL
46 = Germany D TAL
47 = Germany WKG
48 = DEA List 1
49 = DEA List 2

The following components of this material are found on the regulatory lists indicated.

Tertiary Butyl Mercaptan 3, 5, 6, 46
Isopropyl Mercaptan 3, 4, 5, 46
N-Propyl Mercaptan 3, 4, 5, 45, 46

WHMIS CLASSIFICATION:

Class B, Division 2: Flammable Liquids
Class D, Division 2, Subdivision B: Toxic Material
Skin Sensitization
Skin or Eye Irritation

CHEMICAL INVENTORY LISTINGS:

AUSTRALIA YES (AUS)
CANADA YES (DSL)
CHINA YES (IECSC)
EUROPEAN UNION YES (EINECS)
JAPAN YES (ENCS)
KOREA YES (ECL)
PHILIPPINES YES (PICCS)
UNITED STATES YES (TSCA)

EU LABELING:

Symbols:

Xn - Harmful F - Flammable N - Environment

Risk and Safety Phrases:

R43: May cause sensitization by skin contact.
R36: Irritating to eyes.
R50: Very toxic to aquatic organisms.
R65: Harmful: may cause lung damage if swallowed.
R11: Highly flammable.
R67: Vapors may cause drowsiness and dizziness.
S24/25: Avoid contact with skin and eyes.
S62: If swallowed do not induce vomiting: seek medical advice immediately and show this container or label.
S36/37: Wear suitable protective clothing and gloves.
S2: Keep out of the reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16 OTHER INFORMATION

NFPA RATINGS: Health: 2 Flammability: 3 Reactivity: 0 Special: NA

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *-

Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA).

REVISION STATEMENT: This revision updates all sections of the MSDS please review.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV	- Threshold Limit Value	TWA	- Time Weighted Average
STEL	- Short-term Exposure Limit	PEL	- Permissible Exposure Limit
ACGIH	- American Conference of Government Industrial Hygienists	OSHA	- Occupational Safety & Health Administration
NIOSH	- National Institute for Occupational Safety & Health	NFPA	- National Fire Protection Agency
WHMIS	- Workplace Hazardous Materials Information System	IARC	- Intl. Agency for Research on Cancer
EINECS	- European Inventory of existing Commercial Chemical Substances	RCRA	- Resource Conservation Recovery Act
SARA	- Superfund Amendments and Reauthorization Act.	TSCA	- Toxic Substance Control Act
EC50	- Effective Concentration	LC50	- Lethal Concentration
LD50	- Lethal Dose	CAS	- Chemical Abstract Service
NDA	- No Data Available	NA	- Not Applicable
<=	- Less Than or Equal To	>=	- Greater Than or Equal To
CNS	- Central Nervous System	MAK	- Germany Maximum Concentration Values

This data sheet is prepared according to the latest adaptation of the EEC Guideline 67/548.

This data sheet is prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

This data sheet is prepared according to the ANSI MSDS Standard (Z400.1).

This data sheet was prepared by EHS Product Stewardship Group, Chevron Phillips Chemical Company LP, 10001 Six Pines Drive, The Woodlands, TX 77380.

This data sheet is prepared according to the Globally Harmonized System (GHS).

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.