SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER
Product Name: GacoToughFoam - No color - POLYOL COMPONENT B
Product Code: F10000-N/C, F10000-N/C-55

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE
Product Use: Spray foam insulation

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
Name/Address: Gaco Western LLC
1245 Chapman Dr.
Waukesha, WI, 53186-5942
USA

Telephone Number: 800-331-0196 / International: 001-800-331-0196
Email: sds@gaco.com
Website: www.gaco.com

1.4 EMERGENCY TELEPHONE NUMBER
For Chemical Emergency
Spill, Leak, Fire, Exposure, or Incident
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL
Hazard class:

<table>
<thead>
<tr>
<th>HAZARD CLASSIFICATION</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity - Oral</td>
<td>4</td>
</tr>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>2</td>
</tr>
<tr>
<td>Eye Damage/Irritation</td>
<td>1</td>
</tr>
<tr>
<td>Sensitization - Skin</td>
<td>1</td>
</tr>
<tr>
<td>Toxic to Reproduction</td>
<td>1B</td>
</tr>
<tr>
<td>STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)</td>
<td>1</td>
</tr>
<tr>
<td>STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)</td>
<td>2</td>
</tr>
</tbody>
</table>

2.2 LABEL ELEMENTS
Hazard pictogram: GHS05, GHS07, GHS08
Signal word: Danger

Hazard statement:
- Harmful if swallowed
- Causes skin irritation
- May cause an allergic skin reaction
- Causes serious eye damage
- May damage fertility. May damage the unborn child.
- Causes damage to organs <thymus> through prolonged or repeated exposure.
- May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

Prevention:
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing must not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.

Response:
- Specific treatment (see Section 8 on this label).
- If swallowed: Call a poison center/doctor if you feel unwell.
- Rinse mouth.
- If on skin: Wash with plenty of water.
- Take off contaminated clothing and wash it before reuse.
- If skin irritation or a rash occurs: Get medical advice/attention.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- Immediately call a poison center/doctor.
- If exposed or concerned: Get medical advice/attention.

Storage:
- Store locked up.

Disposal:
- Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 ADDITIONAL INFORMATION

Main symptoms:
- Prolonged exposure may cause chronic effects. May damage fertility. May damage the unborn child. Causes damage to organs <thymus> through prolonged or repeated exposure. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>. May cause allergic skin reaction. Dermatitis. Rash. Causes skin irritation. May cause redness and pain. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Hazards not otherwise specified:
- Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

8.5 % of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS No.</th>
<th>Weight %*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeromatic polyester polyol</td>
<td>70749-97-2</td>
<td>10-30%</td>
</tr>
</tbody>
</table>
4.1 DESCRIPTION OF THE FIRST AID MEASURES

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Wash contaminated clothing before reuse. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion: Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn’t get into the lungs. Get medical advice/attention if you feel unwell.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Prolonged exposure may cause chronic effects.

May damage fertility.

May damage the unborn child.

Causes damage to organs <thymus> through prolonged or repeated exposure.

May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

May cause allergic skin reaction. Dermatitis. Rash.

Causes skin irritation. May cause redness and pain.

Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

Note to physicians: Treat symptomatically. Symptoms may be delayed.

Specific treatments: In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

General hazards: No unusual fire or explosion hazard.

Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)

Unsuitable extinguishing media: Do not use water jet as an extinguisher as this will spread the fire.
5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
Specific hazards: During fire, gases hazardous to health may be formed.
Products of combustion: May include, and are not limited to: oxides of carbon.

5.3 Special protective equipment and precautions for fire-fighters (PPE)
Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire-fighting procedures: Keep upwind of fire. Move containers from fire area if you can do it without risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP
Methods for containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for cleaning-up: Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water. For waste disposal, see Section 13 of the SDS.
Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Prevent product from entering drains.
Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions: Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING
Precautions for Safe handling: Observe good industrial hygiene practices.
General hygiene advice: Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Safe storage: Store away from incompatible materials.
Specific use: Spray foam insulation
Technical measures: No specific recommendations.
Incompatible materials: Acids, oxidizing agents, extreme temperatures.
Safe packaging material: No specific recommendations.
Precautions: Use personal protective recommended in Section 8 of the SDS.
Safe handling advice: Observe good industrial hygiene practices.
Suitable storage conditions: Store away from incompatible materials.
Handling-technical measures: No specific recommendations.
Local and general ventilation: Provide adequate ventilation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS
Control parameters: Follow standard monitoring procedures.

Exposure limits:

- **Diethylene glycol**
  - NIOSH REL: Ethylene glycol [Ceiling 50 ppm]

- **Glycerol**
  - OSHA: PEL-TWA mg/m3: 5
  - Notes: RESPIRABLE FRACTION, 15 mg/m3 TOTAL DUST

- **2-Butoxyethanol**
  - NIOSH REL: TWA 5 ppm (24 mg/m3) [skin]
  - OSHA PEL†: TWA 50 ppm (240 mg/m3) [skin]

8.2 EXPOSURE CONTROLS

Engineering measures to reduce exposure: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eyewash facilities and emergency shower must be available when handling this product.

8.3 INDIVIDUAL PROTECTIVE MEASURES

**General:** Eyewash fountain and emergency showers are recommended. Use personal protective equipment as required.

**Eye protection:** Wear safety glasses with side shields (or goggles) and a face shield.

**Hand protection:** Wear appropriate chemical resistant gloves.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Skin and body protection:** Wear appropriate chemical resistant clothing.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

**Thermal hazards:** Wear appropriate thermal protective clothing, when necessary.

**Environmental exposure controls:** Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES
### Appearance
Viscous brown liquid

### Color
Opaque brown

### Form
Liquid

### Odor
Amine-like

### Odor Threshold
Not available

### Physical State
Liquid

### pH (at 20°C)
9.74

### Melting Point/Freezing Point
Not available

### Initial Boiling Point and Boiling Range
Not available

### Flash Point
>200°F/>93.3°C

### Evaporation Rate
Not available

### Flammability (solid, gaseous)
Not Flammable

### Lower Flammability/Explosive Limit
Not available

### Upper Flammability/Explosive Limit
Not available

### Evaporation rate
Not available

### Vapor Pressure (mm Hg @38°C)
Not available

### Vapor Density
Not available

### Density (lb/gal)
9.40

### Relative Density/Specific Gravity
1.13

### Solubility in water/miscibility
Soluble

### Partition coefficient: n-octanol/water
Not available

### Auto-ignition Temperature
Not available

### Decomposition Temperature
Not available

### Viscosity (at 25°C) g/L
1400 cps

### Oxidizing Properties
Not available

### Explosive Properties
Not available

### VOC
<10 g/L (<0.083 lb/gal)

### Solvent content - Organic
Not available

### Solvent content - Water
Not available

### Solvent content - Solids
Not available

### Other information
Not available

### Incompatibilities
Acids, strong oxidizing agents, extreme temperatures

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 REACTIVITY
The product is stable and non-reactive under normal conditions of use, storage and transport.

#### 10.2 CHEMICAL STABILITY
Material is stable under normal conditions.

#### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS
No dangerous reaction known under conditions of normal use.

#### 10.4 CONDITIONS TO AVOID
Contact with incompatible materials.

#### 10.5 INCOMPATIBLE MATERIALS
Acids, oxidizing agents, extreme temperatures.

#### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS
No hazardous decomposition products are known.

Hazardous polymerization: Does not occur.
SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity: Harmful if swallowed. May cause an allergic skin reaction. Dermatitis. Rash. Causes skin irritation. May cause redness and pain. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Likely routes of exposure: Skin contact. Eye contact. Inhalation.

Eye: Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Skin: May cause an allergic skin reaction. Dermatitis. Rash. Causes skin irritation. May cause redness and pain.

Ingestion: Harmful if swallowed.

Inhalation: Not an expected route of exposure. No adverse effects due to inhalation are expected.

LD50/LC50 values relevant to this classification:

Aromatic polyester polyol
- Oral rat LD50 1370 mg/kg bw
- Dermal rabbit LD50 12,800 mg/kg bw

Amine Polyol
- Oral rat LD50 1370 mg/kg bw
- Dermal rabbit LD50 12,800 mg/kg bw

Diethylene glycol
- Oral rat LD50 19600 mg/kg bw/day
- Oral rat LD50 16500 mg/kg bw/day
- Oral Human LD50 1120 mg/kg bw/day
- Oral Rat LD50 >25300 mg/kg
- Inhal rat LC50 > 4.6 mg/L air 4hr
- Inhal Rat LC50 >5.06 mg/l
- Derm rabbit LD50 13300 mg/kg bw
- Dermal Rabbit LD50 12500 mg/kg

Glyceryl poly(oxypropylene)tramine
- Oral rat LD50 2690 mg/kg
- Dermal rabbit LD50 12500 mg/kg

2-Dimethylaminoethanol
- Oral rat LD50 1203.2-1220.1 mg/kg bw
- Oral rat LD0 >1000 mg/kg bw
- Oral rat LD50 2140 mg/kg bw
- Oral rat LD50 2083 mg/kg bw
- Inhal rat LC50 1641 ppm 4d
- Derm rabbit LD50 >3000 mg/kg bw
- Derm rabbit LD50 1219 mg/kg bw

Glyceryl poly(oxypropylene)tramine
- Oral rat LD50 2690 mg/kg
- Dermal rabbit LD50 12500 mg/kg
2-Butoxyethanol
- Oral rat LD50 1746 mg/kg bw
- Oral rabbit LD50 695 mg/kg
- Oral GP LD50 1200 mg/kg
- Oral rat LD50 2420 mg/kg bw
- Oral mouse LD50 1230 mg/kg bw
- Oral rat LD50 1480 mg/kg bw
- Oral mouse LD50 2005 mg/kg bw
- Oral GP LD50 1414 mg/kg bw
- Inhal rat LC50 LD50 (4 hrs): males: 2.4mg/l; females: 2.2mg/l
- Inhal rat LC50 (4hr) >3.9mg/l; LC50 (8hr) ~ 3.9mg/l
- Inhal rat LC50 >4.26mg/l
- Inhal rat LC50 (4hr) >3.9mg/l; LC50 (8hr) ~ 3.9mg/l
- Inhal rat LC50 >4.26mg/l
- Derm GP LD50 >1200mg/l
- Derm rabbit LD50 612mg/kg
- Derm rabbit LD50 567mg/kg
- Derm rabbit LD50 450mg/kg (405mg/kg)
- Derm rat LD50 2275 mg/kg (1680 – 3079 mg/kg)
- Derm rat LD50 0.23 & 0.30mL/kg (207 and 270mg/kg)
- Derm rabbit LD50 > 2000mg/kg
- Derm rabbit LD50 841mg/kg
- Derm rabbit LD50 435mg/kg

Pentamethyldiethylenetriamine
- Oral rat LD50 1330 mg/kg bw
- Inhal rat LC50 290 ppm = 2055.5 mg/m3
- Inhal rat LC50 8.38 mg/L air (nominal)
- Derm rabbit LD50 > 200 < 1000 mg/kg bw
- Derm rabbit >200 mg/kg = no effect

Calculated overall chemical acute toxicity values for this formulation:

<table>
<thead>
<tr>
<th>Calculated overall Chemical Acute Toxicity Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 (inhalation)</td>
</tr>
<tr>
<td>&gt;5 mg/kg (dust and mist)</td>
</tr>
</tbody>
</table>

11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

**Skin corrosion/irritation:**
Causes skin irritation. May cause redness and pain.

**Serious eye damage/irritation:**
Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

**Respiratory sensitization:**
Based on available data, this product is not expected to cause respiratory sensitization.

**Skin sensitization:**
May cause an allergic skin reaction.

**Symptoms and target organs:**
Prolonged exposure may cause chronic effects. May damage fertility. May damage the unborn child. Causes damage to organs <thymus> through prolonged or repeated exposure. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>. May cause an allergic skin reaction. Dermatitis. Rash. Causes skin irritation. May cause redness and pain. Causes severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Chronic health effects: Prolonged exposure may cause chronic effects. May damage fertility. May damage the unborn child. Causes damage to organs <thymus> through prolonged or repeated exposure. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

Carcinogenicity: This product is not classified as a carcinogen. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA(O)</th>
<th>ACGIH(G)</th>
<th>NTP(N)</th>
<th>IARC(I)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol</td>
<td>Not listed</td>
<td>A3</td>
<td>Not listed</td>
<td>3</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Not listed</td>
<td>A3</td>
<td>Not listed</td>
<td>3</td>
</tr>
</tbody>
</table>

**SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

OSHA (O) = Occupational Safety and Health Administration

ACGIH (G) = American Conference of Governmental Industrial Hygienists

NTP (N) = National Toxicology Program

IARC (I) = International Agency for Research on Cancer

Ca/Yes = Expected to be carcinogenic

K = Known to be a carcinogen

R = Reasonably anticipated to be a carcinogen

not listed = Not expected to be carcinogenic

A1 = Confirmed human carcinogen

A2 = Suspected human carcinogen

A3 = Animal carcinogen

A4 = Not classifiable as a human carcinogen

A5 = Not suspected as a human carcinogen

not listed = Not expected to be carcinogenic

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Reproductive Toxicity:** May damage fertility. May damage the unborn child.

**Specific Target Organ Toxicity (STOT):**

- **Single Exposure:** Not classified as an STOT - Single Exposure.
- **Repeated Exposure:** Causes damage to organs <thymus> through prolonged or repeated exposure. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

**Aspiration Toxicity:** Based on available data, this product is not expected to cause aspiration toxicity.

**Other Information:** Not applicable.

---

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 ECOTOXICITY**

- **Ecotoxicity:** Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
- **Acute aquatic toxicity:** Harmful to aquatic life.
- **Chronic toxicity:** Harmful to aquatic life with long lasting effects.
- **Environmental effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**12.2 PERSISTENCE AND DEGRADABILITY**

- **Persistence/biodegradability:** The product contains substances which are not expected to be readily biodegradable.

**12.3 BIOACCUMULATIVE POTENTIAL**

- **Bioaccumulation:** No data available.

**12.4 MOBILITY**

- **Mobility:** No data available.
- **Mobility in soil:** No data available.
- **Mobility in non-soil:** No data available.

**12.5 OTHER ADVERSE EFFECTS**

- **Ozone layer:** No data available.

---

**SECTION 13: DISPOSAL CONSIDERATIONS**
13.1 WASTE TREATMENT METHODS

Disposal method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations.

EU codes: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Residual waste: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Waste codes: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Other disposal recommendations: None

SECTION 14: TRANSPORT INFORMATION

DOT Non-Bulk
Not classified as Dangerous Goods for Transport

DOT Bulk
Not classified as Dangerous Goods for Transport

IMDG
Not classified as Dangerous Goods for Transport

ICAO/IATA
Not classified as Dangerous Goods for Transport

Reportable quantity: Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

US Federal Regulations:

U.S. OSHA (Occupational Safety and Health Administration) Specifically Regulated Substances (29 CFR 1910.1001-1050)
No components of this product are present at concentration greater than or equal to 0.1% and are identified as a carcinogen or potential carcinogen by OSHA.

SARA/CERCLA reporting requirements:
No components of this product are found at concentrations greater than or equal to 0.1% and are subject to the SARA/CERCLA reporting requirements.
### State Right-to-Know Regulations

The following components of this product are found at concentrations greater than or equal to 0.1%, subject to state Right-to-Know reporting requirements; or are found at any concentration and are listed under California Proposition 65.

<table>
<thead>
<tr>
<th>Material</th>
<th>California Proposition 65</th>
<th>Massachusetts Right-to-Know</th>
<th>Minnesota Employee Right-to-Know</th>
<th>New Jersey Community Environmental Hazard Right-to-Know</th>
<th>New Jersey Right-to-Know Substance</th>
<th>Pennsylvania Right-to-Know</th>
<th>Rhode Island Right-to-Know</th>
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<tbody>
<tr>
<td>Diethylene glycol</td>
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<tr>
<td>2-Dimethylaminoethanol</td>
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<td>Not listed</td>
<td>Listed</td>
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<tr>
<td>2-Butoxyethanol</td>
<td>Not listed</td>
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<td>Not listed</td>
<td>Not listed</td>
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<tr>
<td>methylolirane (trace amounts)</td>
<td>Cancer</td>
<td>Listed</td>
<td>Listed</td>
<td>Listed</td>
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<tr>
<td>1,4-Dioxane (trace amounts)</td>
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<tr>
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<tr>
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### Global Inventories:

<table>
<thead>
<tr>
<th>Notification status:</th>
<th>US - TSCA</th>
<th>Canada - DSL</th>
<th>Canada - NDSL</th>
<th>EU - EINECS</th>
<th>EU - ELINCS</th>
<th>EU - NLP</th>
<th>Australia – AICS</th>
<th>China - EICSC</th>
<th>Japan - ENCS</th>
<th>Korea - KECI</th>
<th>Taiwan - NELC</th>
<th>New Zealand - NZloC</th>
<th>Philippine - PICCS</th>
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<tbody>
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### EU - REACH Status:

A registration number is not available for substances in this mixture as the substances are exempted from registration, the annual tonnage does not require a registration or the registration is envisioned for a later registration deadline.

### CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification:

D1B, D2A, D2B, E

### MEXICO:

<table>
<thead>
<tr>
<th>Hazard Classification:</th>
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<tr>
<td>Carcinogen Status:</td>
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SECTION 16: OTHER INFORMATION
HMIS (Hazardous Materials Identification System) rating:

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<td>Health</td>
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<td>Flammability</td>
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<tr>
<td>Physical</td>
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NFPA 704 (National Fire Protection Association) rating:

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<td>Health</td>
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<td>Fire</td>
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<td>Reactivity</td>
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</table>

Legend:

- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organization
- IMDG: International Maritime Dangerous Goods
- ACIGH: American Conference of Governmental Industrial Hygienists
- NTP: National Toxicology Program
- IARC: International Agency for Research on Cancer
- PPE: Personal Protective Equipment
- RCRA: Resource Conservation and Recovery Act
- CAA: Clean Air Act
- SARA: Superfund Amendments and Reauthorization Act
- EPCRA: Emergency Planning and Community Right-to-Know Act
- WHMIS: Workplace Hazardous Materials Information System
- EU: European Union
- REACH: Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
- CERCLA: Comprehensive Environmental Response, Compensation and Liability Act
- TSCA: US Toxic Substances Control Act (TSCA)
- DSL: Canada Domestic Substance List (DSL)
- NSDL: Canada Non-Domestic Substance List (NSDL)
- EINECS: European Inventory of Existing Commercial Chemical Substances (EINECS)
- ELINCS: European List of Notified Chemical Substances (ELINCS)
- NLP: European list of No-longer Polymers (NLP)
- AICS: Australian Inventory of Chemical Substances (AICS)
- EICSC: China Existing Chemical Inventory - IECSC
- ENCS: Japanese Existing and New Chemical Substances Inventory (ENCS)
- KECI: Korea Existing Chemicals Inventory (KECI)
- NECI: Taiwan National Existing Chemical Inventory (NECI)
- NzoC: New Zealand Inventory of Chemicals (NZIoC)
- PICCS: Philippine Inventory of Chemicals and Chemical Substances (PICCS)
- HMIS: Hazardous Materials Identification System
- NFPA: National Fire Protection Association (NFPA)

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Prepared by: Gaco Western LLC

End of Safety Data Sheet