

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name • **303 Aerospace Protectant**

Synonyms • 587940

Product Code • 1801; 30302; 30303; 30304; 30305; 30306; 30306CSR; 30307; 30307CSR; 30308; 30308CSR; 30313; 30313CSR; 30320; 30321; 30322; 30323; 30340; 30340CSR; 30350; 30370; 30375; 30377; 30377CSR; 30378; 30378CSR; 30379; 30381; 30382; 30382CSR; 30383; 30440; 30440BD; 30910

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Restores and maintains a like-new appearance, texture and color

Restrictions on use • Read and follow label directions, warnings and materials not to be treated

Details of the supplier of the safety data sheet

Manufacturer • Gold Eagle Co.
4400 S. Kildare Avenue
Chicago, IL 60632-4372
United States
<http://www.goldeagle.com/>

Telephone (General) • 773-376-4400

Emergency telephone number

Manufacturer • 1-800-535-5053 - (INFOTRAC #22283)

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Eye Irritation 2

Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes serious eye irritation

Precautionary statements

Prevention • Wash thoroughly after handling.
Wear eye/face protection , .

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.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

| Composition | | | | |
|-------------------|----------------|-----------------|---|---|
| Chemical Name | Identifiers | % | LD50/LC50 | Classifications According to Regulation/Directive |
| Water | CAS:7732-18-5 | 75% TO 100% | Ingestion/Oral-Rat LD50 • >90 mL/kg | OSHA HCS 2012: Not Hazardous |
| Proprietary | Proprietary | 0% TO 15.4% | Ingestion/Oral-Rat LD50 • >17 g/kg Skin-Rabbit LD50 • >2 g/kg | OSHA HCS 2012: Eye Irrit. 2 |
| Proprietary | Proprietary | 0% TO 1.1% | NDA | OSHA HCS 2012: Eye Dam. 1 |
| Glucitol | CAS:50-70-4 | 0% TO 1% | NDA | OSHA HCS 2012: Not Classified |
| Proprietary | Proprietary | 0% TO 1% | NDA | OSHA HCS 2012: Not Classified |
| Proprietary | Proprietary | 0% TO 1% | NDA | OSHA HCS 2012: Not Classified |
| Proprietary | Proprietary | < 1% | NDA | OSHA HCS 2012: Not Classified |
| Magnesium nitrate | CAS:10377-60-3 | < 0.235% | NDA | OSHA HCS 2012: Ox. Sol. 3; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3: Resp. Irrit. |
| Ethylene glycol | CAS:107-21-1 | 0% TO 0.22% | Ingestion/Oral-Rat LD50 • 470 mg/kg Skin-Rabbit LD50 • 9530 mg/kg | OSHA HCS 2012: Eye Irrit. 2; STOT SE 1 (Kidney, Orl); STOT RE 1 (Kidney, Orl) |
| Proprietary | Proprietary | 0% TO 0.22% | Ingestion/Oral-Rat LD50 • 1540 mg/kg Inhalation-Rat LC50 • 36 g/m ³ 4 Hour(s) Skin-Rabbit LD50 • 794 µL/kg | OSHA HCS 2012: Repr. 2; Acute Tox. 4 (orl); Acute Tox. 3 (skn); Eye Irrit. 2 |
| Proprietary | Proprietary | 0% TO 0.022% | Ingestion/Oral-Rat LD50 • 661 mg/kg Inhalation-Rat LC50 • 13300 ppm 4 Hour(s) Skin-Rabbit LD50 • 3540 mg/kg | OSHA HCS 2012: Exposure limits |

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

- Skin**
- Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.
- Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- Do NOT induce vomiting. Obtain medical attention immediately if ingested.
- Most important symptoms and effects, both acute and delayed**
- Refer to Section 11 - Toxicological Information.
- Indication of any immediate medical attention and special treatment needed**
- Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

- Suitable Extinguishing Media**
- LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO₂, water spray or regular foam.

- Unsuitable Extinguishing Media**
- No data available.

Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- Poses no unusual fire or explosion hazard.

- Hazardous Combustion Products**
- No data available.

Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Ventilate enclosed areas. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE) Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

- Emergency Procedures**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Stay upwind. Keep unauthorized personnel away. Ventilate closed spaces before entering.

Environmental precautions

- Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

- Containment/Clean-up Measures**
- Stop leak if you can do it without risk.
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
LARGE SPILLS: Dike far ahead of spill for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use only with adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours and/or spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage

- Keep container closed. Store in a cool, dry, well-ventilated place. Avoid contact with heat and ignition sources. Do not store in unmarked containers or storage devices.

Section 8 - Exposure Controls/Personal Protection

Control parameters

| Exposure Limits/Guidelines | | | |
|-------------------------------|----------|--|--|
| | Result | ACGIH | OSHA |
| Proprietary (Proprietary) | TWAs | Not established | 200 ppm TWA; 360 mg/m ³ TWA |
| | Ceilings | 25 ppm Ceiling | Not established |
| Ethylene glycol (107-21-1) | Ceilings | 100 mg/m ³ Ceiling (aerosol only) | Not established |

Exposure controls

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear chemical splash safety goggles.

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

| Material Description | | | |
|-----------------------------------|--|------------------------------|-----------------------------------|
| Physical Form | Liquid | Appearance/Description | Water based white, opaque liquid. |
| Color | White | Odor | No data available |
| Odor Threshold | No data available | | |
| General Properties | | | |
| Boiling Point | 212 F(100 C) | Melting Point/Freezing Point | No data available |
| Decomposition Temperature | No data available | pH | 7 to 8 |
| Specific Gravity/Relative Density | = 1.01 Water=1 | Water Solubility | Soluble 100 % |
| Viscosity | 3 Centistoke (cSt, cS) or mm ² /sec @ 40 C(104 F) | | |
| Volatility | | | |

| | | | |
|-------------------------------------|-------------------------|---------------|-------------------|
| Vapor Pressure | 17.5 mmHg (torr) | Vapor Density | 0.62 Air=1 |
| Evaporation Rate | < 1 n-Butyl Acetate = 1 | | |
| Flammability | | | |
| Flash Point | No data available | UEL | No data available |
| LEL | No data available | Autoignition | No data available |
| Flammability (solid, gas) | No data available | | |
| Environmental | | | |
| Octanol/Water Partition coefficient | No data available | | |

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Close proximity to incompatible substances.

Incompatible materials

- Alkalis, strong oxidizers.

Hazardous decomposition products

- If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxides gases (e.g., CO, CO₂)

Section 11 - Toxicological Information

Information on toxicological effects

| | | Components |
|---------------------------------|-------------|--|
| Proprietary (0% TO 0.22%) | Proprietary | <p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 1540 mg/kg; <i>Behavioral:</i>Tremor; Inhalation-Rat LC50 • 36 g/m³ 4 Hour(s); <i>Behavioral:</i>Excitement; <i>Lungs, Thorax, or Respiration:</i>Dyspnea; <i>Skin and Appendages:</i>Other:Hair; Skin-Rabbit LD50 • 794 µL/kg; <i>Kidney, Ureter, and Bladder:</i>Hematuria;</p> <p>Irritation: Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation;</p> <p>Multi-dose Toxicity: Inhalation-Rat TCLo • 700 ppm 6 Hour(s) 4 Week(s)-Intermittent; <i>Liver:</i>Changes in liver weight; <i>Nutritional and Gross Metabolic:</i>Gross Metabolite Changes:Weight loss or decreased weight gain; <i>Biochemical:</i>Enzyme inhibition, induction, or change in blood or tissue levels:Cytochrome oxidases (including oxidative phosphorylation);</p> <p>Reproductive: Inhalation-Rat TCLo • 696 ppm (3D pre/3D preg); <i>Reproductive Effects:</i>Maternal Effects:Oogenesis; <i>Reproductive Effects:</i>Effects on Fertility:Pre-implantation mortality; <i>Reproductive Effects:</i>Effects on Embryo or Fetus:Fetal death; Inhalation-Rat TCLo • 700 ppm (3D pre/3D preg); <i>Reproductive Effects:</i>Maternal Effects:Ovaries, fallopian tubes; <i>Reproductive Effects:</i>Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus)</p> |
| Proprietary (0% TO 15.4%) | Proprietary | <p>Acute Toxicity: Ingestion/Oral-Rat LD50 • >17 g/kg; <i>Kidney, Ureter, and Bladder:</i>Other changes; <i>Nutritional and Gross Metabolic:</i>Changes in Chemistry or Temperature:Other changes; Skin-Rabbit LD50 • >2 g/kg; <i>Behavioral:</i>Food intake (animal); <i>Gastrointestinal:</i>Hypermotility, diarrhea; <i>Skin and Appendages:</i>After systemic exposure:Dermatitis, other;</p> <p>Irritation: Eye-Rabbit • 100 µL 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 µL 24 Hour(s) • Mild irritation</p> |
| | | <p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 470 mg/kg; Ingestion/Oral-Man TDLo • 24 g/kg; <i>Brain and Coverings:</i>Other degenerative changes; <i>Behavioral:</i>Ataxia; <i>Behavioral:</i>Coma; Ingestion/Oral-Man TDLo • 15 g/kg; <i>Peripheral Nerve</i></p> |

| | | |
|-------------------------------|-------------|---|
| Ethylene glycol (0% TO 0.22%) | 107-21-1 | <p><i>and Sensation</i>:Sensory change involving peripheral nerve; <i>Gastrointestinal</i>:Ulceration or bleeding from small intestine; <i>Kidney, Ureter, and Bladder</i>:Renal function tests depressed; Ingestion/Oral-Man TDLo • 1195 mg/kg; <i>Peripheral Nerve and Sensation</i>:Sensory change involving peripheral nerve; <i>Kidney, Ureter, and Bladder</i>:Renal function tests depressed; Ingestion/Oral-Rat TDLo • 120 mg/kg; <i>Blood</i>:Changes in bone marrow not included above; Inhalation-Human TCLo • 22 mg/m³; <i>Kidney, Ureter, and Bladder</i>:Proteinuria; Inhalation-Rat TCLo • 0.004 g/m³ 2 Hour(s); <i>Behavioral</i>:Muscle contraction or spasticity; <i>Lungs, Thorax, or Respiration</i>:Respiratory stimulation; <i>Gastrointestinal</i>:Hypermotility, diarrhea; Skin-Rabbit LD50 • 9530 mg/kg;</p> <p>Irritation: Eye-Rabbit • 100 mg 1 Hour(s) • Mild irritation; Skin-Rabbit • 555 mg-Open • Mild irritation;</p> <p>Multi-dose Toxicity: Inhalation-Guinea Pig TCLo • 0.003 g/m³ 45 Day(s)-Intermittent; <i>Behavioral</i>:Excitement; <i>Liver</i>:Liver function tests impaired; Inhalation-Rat TCLo • 1 mg/m³ 32 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration</i>:Other changes; <i>Liver</i>:Liver function tests impaired; <i>Kidney, Ureter, and Bladder</i>:Changes in tubules (including acute renal failure, acute tubular necrosis); Inhalation-Rat TCLo • 0.003 g/m³ 228 Day(s)-Intermittent; <i>Brain and Coverings</i>:Other degenerative changes; <i>Vascular</i>:Structural changes in vessels; <i>Lungs, Thorax, or Respiration</i>:Emphysema; Inhalation-Rat TCLo • 0.02 g/m³ 153 Day(s)-Intermittent; <i>Lungs, Thorax, or Respiration</i>:Emphysema; <i>Kidney, Ureter, and Bladder</i>:Changes in tubules (including acute renal failure, acute tubular necrosis); <i>Blood</i>:Changes in spleen;</p> <p>Mutagen: Cytogenetic analysis • Ingestion/Oral-Rat • 1200 mg/kg;</p> <p>Reproductive: Ingestion/Oral-Mouse TDLo • 850 mg/kg (multigenerations); <i>Reproductive Effects</i>:Specific Developmental Abnormalities:Urogenital system; Inhalation-Mouse TCLo • 1000 mg/m³ 6 Hour(s)(6-15D preg); <i>Reproductive Effects</i>:Maternal Effects:Uterus, cervix, vagina; <i>Reproductive Effects</i>:Maternal Effects:Other effects; <i>Reproductive Effects</i>:Effects on Fertility:Pre-implantation mortality; Inhalation-Mouse TCLo • 2100 mg/m³ 6 Hour(s)(6-15D preg); <i>Reproductive Effects</i>:Maternal Effects:Other effects; <i>Reproductive Effects</i>:Effects on Fertility:Pre-implantation mortality; <i>Reproductive Effects</i>:Effects on Fertility:Post-implantation mortality; Inhalation-Rat TCLo • 2500 mg/m³ 6 Hour(s)(6-15D preg); <i>Reproductive Effects</i>:Maternal Effects:Other effects; <i>Reproductive Effects</i>:Specific Developmental Abnormalities:Musculoskeletal system; <i>Reproductive Effects</i>:Specific Developmental Abnormalities:Other developmental abnormalities</p> |
| Proprietary (0% TO 1%) | Proprietary | Reproductive : Ingestion/Oral-Rat TDLo • 2500 mg/kg (6-15D preg); <i>Reproductive Effects</i> :Maternal Effects:Other effects; <i>Reproductive Effects</i> :Specific Developmental Abnormalities:Musculoskeletal system |
| Glucitol (0% TO 1%) | 50-70-4 | Acute Toxicity : Ingestion/Oral-Rat LD50 • 15900 mg/kg; Ingestion/Oral-Woman TDLo • 1700 mg/kg 1 Day(s); <i>Gastrointestinal</i> :Hypermotility, diarrhea |

| GHS Properties | Classification |
|-------------------------------|-----------------------------------|
| Respiratory sensitization | OSHA HCS 2012 • No data available |
| Serious eye damage/Irritation | OSHA HCS 2012 • Eye Irritation 2 |
| Acute toxicity | OSHA HCS 2012 • No data available |
| Aspiration Hazard | OSHA HCS 2012 • No data available |
| Carcinogenicity | OSHA HCS 2012 • No data available |
| Germ Cell Mutagenicity | OSHA HCS 2012 • No data available |
| Skin corrosion/Irritation | OSHA HCS 2012 • No data available |
| Skin sensitization | OSHA HCS 2012 • No data available |
| STOT-RE | OSHA HCS 2012 • No data available |
| STOT-SE | OSHA HCS 2012 • No data available |
| Toxicity for Reproduction | OSHA HCS 2012 • No data available |

Potential Health Effects

Inhalation

- Acute (Immediate)**
 - No adverse health effects expected.
- Chronic (Delayed)**
 - No data available.

Skin

- Acute (Immediate)**
 - May cause mild irritation.
- Chronic (Delayed)**
 - No data available.

Eye

- Acute (Immediate)**
 - Causes serious eye irritation.
- Chronic (Delayed)**
 - No data available.

Ingestion

- Acute (Immediate)**
 - May cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.
- Chronic (Delayed)**
 - No data available.

Carcinogenic Effects

- This product does not contain any components above de minimus concentrations that are considered carcinogenic by OSHA , IARC or NTP .

| Carcinogenic Effects | | | |
|-----------------------------|-------------|----------------------|---|
| | CAS | IARC | NTP |
| Proprietary | Proprietary | Group 1-Carcinogenic | Reasonably Anticipated to be Human Carcinogen |

Key to abbreviations

LC = Lethal Concentration

LD = Lethal Dose

TC = Toxic Concentration

TD = Toxic Dose

Section 12 - Ecological Information**Toxicity**

- Non-mandatory section - information about this substance not complied for this reason.

Persistence and degradability

- Non-mandatory section - information about this substance not complied for this reason.

Bioaccumulative potential

- Non-mandatory section - information about this substance not complied for this reason.

Mobility in Soil

- Non-mandatory section - information about this substance not complied for this reason.

Other adverse effects

- Non-mandatory section - information about this substance not complied for this reason.

Section 13 - Disposal Considerations**Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

| | UN number | UN proper shipping name | Transport hazard class(es) | Packing group | Environmental hazards |
|-----|-----------|-------------------------|----------------------------|---------------|-----------------------|
| DOT | NDA | Not Regulated | NDA | NDA | NDA |

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute

| Inventory | | |
|-------------------|-------------|------|
| Component | CAS | TSCA |
| Proprietary | Proprietary | Yes |
| Proprietary | Proprietary | Yes |
| Ethylene glycol | 107-21-1 | Yes |
| Glucitol | 50-70-4 | Yes |
| Magnesium nitrate | 10377-60-3 | Yes |
| Proprietary | Proprietary | Yes |
| Proprietary | Proprietary | Yes |
| Proprietary | Proprietary | Yes |
| Proprietary | Proprietary | Yes |
| Water | 7732-18-5 | Yes |

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

| | | |
|---------------------|-------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Proprietary | Proprietary | 2500 lb TQ |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Proprietary | Proprietary | Not Listed |

U.S. - OSHA - Specifically Regulated Chemicals

| | | |
|---------------------|-------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • Proprietary | Proprietary | Not Listed |
| • Water | 7732-18-5 | Not Listed |

| | | |
|----------------------|--------------------|------------|
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | |
| • Ethylene glycol | 107-21-1 | |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Flammable Substances

| | | |
|----------------------|--------------------|-----------------------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | 10000 lb threshold quantity |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CAA (Clean Air Act) - Accidental Release Prevention - Toxic Substances

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

| | | |
|----------------------|--------------------|------------------------------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | 1000 lb final RQ; 454 kg final RQ |
| • Ethylene glycol | 107-21-1 | 5000 lb final RQ; 2270 kg final RQ |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

| | | |
|----------------------|--------------------|--------------------------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | 0.1 % de minimis concentration |
| • Ethylene glycol | 107-21-1 | 1.0 % de minimis concentration |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CWA (Clean Water Act) - Hazardous Substances

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

| | | |
|----------------------|--------------------|------------|
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - CWA (Clean Water Act) - Toxic Pollutants

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

| | | |
|----------------------|--------------------|---------------------------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | carcinogen, initial date 4/1/88 |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - California - Proposition 65 - Developmental Toxicity

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

| | | |
|----------------------|--------------------|------------|
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |

| | | |
|---|--------------------|-----------------------------|
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL) | | |
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | 90 µg/day NSRL (inhalation) |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | | |
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male | | |
| • Magnesium nitrate | 10377-60-3 | Not Listed |
| • Glucitol | 50-70-4 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Ethylene glycol | 107-21-1 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • Water | 7732-18-5 | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |
| • <i>Proprietary</i> | <i>Proprietary</i> | Not Listed |

Other Information

- **WARNING:** This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

| | |
|--|--|
| Revision Date | • 02/December/2015 |
| Preparation Date | • 10/June/2015 |
| Other Information | • Schedule B Number: 3405.90.0000. |
| Disclaimer/Statement of Liability | • Information presented herein is believed to be factual, as it has been derived from the works and opinions of persons believed to be qualified experts. However, nothing |

contained in this information is to be taken as warranty or representation for which the Gold Eagle Co. bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

Key to abbreviations

NDA = No Data Available
