Hochglanz Boots pflegemittel

Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **EU/REACH 303 Aerospace Protectant**

Product Code • 30302EU; 30303EU; 30304EU; 30305EU; 30306EU; 30307EU; 30308EU; 30313EU; 30314EU; 30319EU; 30320EU; 30321EU; 30322EU; 30340EU; 30350EU; 30370EU; 30375EU; 30440EU; 30910EU; REACHSDS

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

Relevant identified use(s) • Restores and maintains a like-new appearance, texture and color

Use(s) advised against • Read and follow label directions, warnings and materials not to be treated

1.3 Details of the supplier of the safety data sheet

Manufacturer

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

2.1 Classification of the substance or mixture

CLP • No data available

2.2 Label Elements

CLP

WARNING

Hazard statements • H319 - Causes serious eye irritation

Precautionary statements

Prevention • P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.

Response • P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

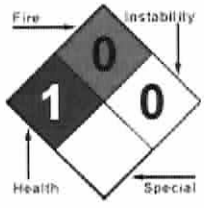
Storage/Disposal • P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other Hazards

CLP • No data available

2.4 Other information

NFPA



Section 3 - Composition/Information on Ingredients

3.1 Substances

• Material does not meet the criteria of a substance.

3.2 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	
Proprietary	*Proprietary*	0% TO 15.4%	Ingestion/Oral-Rat LD50 • >17 g/kg Skin-Rabbit LD50 • >2 g/kg	
Proprietary	*Proprietary*	0% TO 1.1%	NDA	
Glucitol	CAS:50-70-4	0% TO 1%	NDA	
Proprietary	*Proprietary*	0% TO 1%	NDA	
Proprietary	*Proprietary*	0% TO 1%	NDA	
Proprietary	*Proprietary*	< 1%	NDA	
Magnesium nitrate	CAS:10377-60-3	< 0.235%	NDA	
Ethylene glycol	CAS:107-21-1	0% TO 0.22%	Ingestion/Oral-Rat LD50 • 470 mg/kg Skin-Rabbit LD50 • 9530 mg/kg	
Proprietary	*Proprietary*	0% TO 0.22%	Ingestion/Oral-Rat LD50 • 1540 mg/kg Inhalation-Rat LC50 • 36 g/m³ 4 Hour (s) Skin-Rabbit LD50 • 794 µL/kg	
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	

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
- Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin
- Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye
- If eye irritation persists: 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.

Ingestion
- Do NOT induce vomiting. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 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 - Firefighting Measures

5.1 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.

5.2 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.

5.3 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

6.1 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.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 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.

6.4 Reference to other sections

- No data available

Section 7 - Handling and Storage

7.1 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.

7.2 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.

7.3 Specific end use(s)

- No data available

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines			
	Result	ACGIH	OSHA
Proprietary (Proprietary)	TWAs	Not established	200 ppm TWA; 360 mg/m3 TWA
	Ceilings	25 ppm Ceiling	Not established
Ethylene glycol (107-21-1)	Ceilings	100 mg/m3 Ceiling (aerosol only)	Not established

8.2 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

9.1 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	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 mm2/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		

9.2 Other Information

- No data available

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Close proximity to incompatible substances.

10.5 Incompatible materials

- Alkalis, strong oxidizers.

10.6 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

11.1 Information on toxicological effects

Components		
		Acute Toxicity: Ingestion/Oral-Rat LD50 • 1540 mg/kg; *Behavioral:***Tremor**; Inhalation-Rat LC50 • 36 g/m³ 4 Hour(s); *Behavioral:***Excitement**; *Lungs, Thorax, or Respiration:***Dyspnea**; *Skin and Appendages:Other:***Hair**; Skin-Rabbit

Proprietary (0% TO 0.22%)	*Proprietary*	LD50 • 794 µL/kg; *Kidney, Ureter, and Bladder*:**Hematuria**; **Irritation:** Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation; **Multi-dose Toxicity:** Inhalation-Rat TCLo • 700 ppm 6 Hour(s) 4 Week(s)-Intermittent; *Liver*:**Changes in liver weight**; *Nutritional and Gross Metabolic:Gross Metabolite Changes*:**Weight loss or decreased weight gain**; *Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels*:**Cytochrome oxidases (including oxidative phosphorylation)**; **Reproductive:** Inhalation-Rat TCLo • 696 ppm (3D pre/3D preg); *Reproductive Effects:Maternal Effects*:**Oogenesis**; *Reproductive Effects:Effects on Fertility*:**Pre-implantation mortality**; *Reproductive Effects:Effects on Embryo or Fetus*:**Fetal death**; Inhalation-Rat TCLo • 700 ppm (3D pre/3D preg); *Reproductive Effects:Maternal Effects*:**Ovaries, fallopian tubes**; *Reproductive Effects:Effects on Embryo or Fetus*:**Fetotoxicity (except death, e.g., stunted fetus)**
Proprietary (0% TO 15.4%)	*Proprietary*	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • >17 g/kg; *Kidney, Ureter, and Bladder*:**Other changes**; *Nutritional and Gross Metabolic:Changes in Chemistry or Temperature*:**Other changes**; Skin-Rabbit LD50 • >2 g/kg; *Behavioral*:**Food intake (animal)**; *Gastrointestinal*:**Hypermotility, diarrhea**; *Skin and Appendages:After systemic exposure*:**Dermatitis, other**; **Irritation:** Eye-Rabbit • 100 µL 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 µL 24 Hour(s) • Mild irritation
Ethylene glycol (0% TO 0.22%)	107-21-1	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 470 mg/kg; Ingestion/Oral-Man TDLo • 24 g/kg; *Brain and Coverings*:**Other degenerative changes**; *Behavioral*:**Ataxia**; *Behavioral*:**Coma**; Ingestion/Oral-Man TDLo • 15 g/kg; *Peripheral Nerve and Sensation*:**Sensory change involving peripheral nerve**; *Gastrointestinal*:**Ulceration or bleeding from small intestine**; *Kidney, Ureter, and Bladder*:**Renal function tests depressed**; Ingestion/Oral-Man TDLo • 1195 mg/kg; *Peripheral Nerve and Sensation*:**Sensory change involving peripheral nerve**; *Kidney, Ureter, and Bladder*:**Renal function tests depressed**; Ingestion/Oral-Rat TDLo • 120 mg/kg; *Blood*:**Changes in bone marrow not included above**; Inhalation-Human TCLo • 22 mg/m³; *Kidney, Ureter, and Bladder*:**Proteinuria**; Inhalation-Rat TCLo • 0.004 g/m³ 2 Hour(s); *Behavioral*:**Muscle contraction or spasticity**; *Lungs, Thorax, or Respiration*:**Respiratory stimulation**; *Gastrointestinal*:**Hypermotility, diarrhea**; Skin-Rabbit LD50 • 9530 mg/kg; **Irritation:** Eye-Rabbit • 100 mg 1 Hour(s) • Mild irritation; Skin-Rabbit • 555 mg-Open • Mild irritation; **Multi-dose Toxicity:** Inhalation-Guinea Pig TCLo • 0.003 g/m³ 45 Day(s)-Intermittent; *Behavioral*:**Excitement**; *Liver*:**Liver function tests impaired**; Inhalation-Rat TCLo • 1 mg/m³ 32 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Other changes**; *Liver*:**Liver function tests impaired**; *Kidney, Ureter, and Bladder*:**Changes in tubules (including acute renal failure, acute tubular necrosis)**; Inhalation-Rat TCLo • 0.003 g/m³ 228 Day(s)-Intermittent; *Brain and Coverings*:**Other degenerative changes**; *Vascular*:**Structural changes in vessels**; *Lungs, Thorax, or Respiration*:**Emphysema**; Inhalation-Rat TCLo • 0.02 g/m³ 153 Day(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Emphysema**; *Kidney, Ureter, and Bladder*:**Changes in tubules (including acute renal failure, acute tubular necrosis)**; *Blood*:**Changes in spleen**; **Mutagen:** Cytogenetic analysis • Ingestion/Oral-Rat • 1200 mg/kg; **Reproductive:** Ingestion/Oral-Mouse TDLo • 850 mg/kg (multigenerations); *Reproductive Effects:Specific Developmental Abnormalities*:**Urogenital system**; Inhalation-Mouse TCLo • 1000 mg/m³ 6 Hour(s)(6-15D preg); *Reproductive Effects:Maternal Effects*:**Uterus, cervix, vagina**; *Reproductive Effects:Maternal Effects*:**Other effects**; *Reproductive Effects:Effects on Fertility*:**Pre-implantation mortality**; Inhalation-Mouse TCLo • 2100 mg/m³ 6 Hour(s)(6-15D preg); *Reproductive Effects:Maternal Effects*:**Other effects**; *Reproductive Effects:Effects on Fertility*:**Pre-implantation mortality**; *Reproductive Effects:Effects on Fertility*:**Post-implantation mortality**; Inhalation-Rat TCLo • 2500 mg/m³ 6 Hour(s)(6-15D preg); *Reproductive Effects:Maternal Effects*:**Other effects**; *Reproductive Effects:Specific Developmental Abnormalities*:**Musculoskeletal system**; *Reproductive Effects:Specific Developmental Abnormalities*:**Other developmental abnormalities**
Proprietary (0% TO 1%)	*Proprietary*	**Reproductive:** Ingestion/Oral-Rat TDLo • 2500 mg/kg (6-15D preg); *Reproductive Effects:Maternal Effects*:**Other effects**; *Reproductive Effects: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); *Gastrointestinal*:**Hypermotility, diarrhea**

GHS Properties	Classification
Acute toxicity	EU/CLP • No data available
Aspiration Hazard	EU/CLP • No data available
Carcinogenicity	EU/CLP • No data available
Germ Cell Mutagenicity	EU/CLP • No data available
Skin corrosion/Irritation	EU/CLP • No data available

Skin sensitization	EU/CLP • No data available
STOT-RE	EU/CLP • No data available
STOT-SE	EU/CLP • No data available
Toxicity for Reproduction	EU/CLP • No data available
Respiratory sensitization	EU/CLP • No data available
Serious eye damage/Irritation	EU/CLP • 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

12.1 Toxicity

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

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential

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

12.4 Mobility in Soil

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

12.5 Results of PBT and vPvB assessment

- No data available

12.6 Other adverse effects

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

Section 13 - Disposal Considerations

13.1 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

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
IMO/IMDG	NDA	NDA	NDA	NDA	NDA

14.6 Special precautions for user
- None specified.

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

Section 15 - Regulatory Information

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

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

15.2 Chemical Safety Assessment

- No data available

15.3 Other Information

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

Section 16 - Other Information

Relevant Phrases (code & full text)

- P264 - Wash thoroughly after handling.
  P332 - If skin irritation occurs:
  P341 - If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
  S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  S13 - Keep away from food, drink and animal feeding stuffs.
  S2 - Keep out of reach of children.
  S20/21 - When using do not eat, drink or smoke.
  S24/25 - Avoid contact with skin and eyes.
  S29/35 - Do not empty into drains; dispose of this material and its container in a safe way.

Last Revision Date

- No data available

Preparation Date

- No data available

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