

**SECTION 1: Identification**

Product Name: Preservative Cap-5
Product Form: Mixture
Intended Use: Cosmetics, personal care products. Not for use as a food ingredient.
Supplier: TKB Trading, LLC | 939 E 11th St, Oakland, CA 94606
Email / Web: support@tkbtrading.com | www.tkbtrading.com
Emergency: CHEMTREC 24hr/7days | USA/Canada: 1-800-424-9300 | Intl: 1-703-527-3887
Standard: 29 CFR §1910.1200, HCS 2012 | Revision: 1/16/2025 | Version 2.0

SECTION 2: Hazard Identification**GHS US Classification:**

Serious eye damage/irritation, Cat. 1
STOT-Single exposure, Cat. 3 (Narcosis)

H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

Signal Word: DANGER
Hazard Statements: H318 · H336

Precautionary Statements:

P261 · P271 · P280
P304+P340 · P305+P351+P338 · P310 · P312
P403+P233 · P405 · P501

SECTION 3: Composition / Ingredients

Ingredient	CAS No.	% (w/w)	GHS US Classification
Phenoxyethanol	122-99-6	35–45%	Acute Tox. 4 (Oral) H302; Eye Dam. 1 H318; STOT SE 3 H335
Caprylyl Glycol	1117-86-8	30–38%	Eye Irrit. 2, H319
Potassium sorbate	24634-61-5	8–15%	Eye Irrit. 2, H319
Water	7732-18-5	8–15%	Not classified
Hexylene Glycol	107-41-5	4–8%	Skin Irrit. 2 H315; Eye Irrit. 2 H319

SECTION 4: First Aid Measures

General: Call a poison center/doctor if you feel unwell.
Inhalation: Remove to fresh air and keep comfortable for breathing.
Skin Contact: Wash with plenty of water.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses. Continue rinsing. Call physician immediately.
Ingestion: Call a poison center/doctor if unwell.
Symptoms: May cause drowsiness or dizziness. Serious eye damage on eye contact.

SECTION 5: Fire-Fighting Measures

Suitable Media: Water spray, dry powder, foam, carbon dioxide.
Unsuitable Media: Do not use heavy water stream.
Fire/Explosion Hazard: No fire hazard. No direct explosion hazard.
Decomp. Products: Carbon monoxide, carbon dioxide.
Firefighter PPE: Fight from safe distance. SCBA. Complete protective clothing.

SECTION 6: Accidental Release Measures

General: Stop leak if safe. Notify authorities if product enters sewers or public waters.
Personal Precautions: Wear recommended PPE. Ventilate area. Avoid breathing vapors. Avoid skin/eye contact.
Environmental: Avoid release to the environment.
Containment: Absorb with sand or earth. Contain spills with dikes. Stop leak if possible without risk.
Cleanup: Take up liquid spill into absorbent material. Dispose at authorized site.

SECTION 7: Handling and Storage

Safe Handling: Use outdoors or in well-ventilated area. Avoid vapors/mist. Avoid skin/eye contact. Wear PPE.
Hygiene: Do not eat/drink/smoke. Always wash hands after handling.
Storage: Keep container tightly closed in cool, well-ventilated place. Store locked up.
Incompatible Materials: Strong acids. Strong bases.

SECTION 8: Exposure Controls / Personal Protection

OEL — Hexylene Glycol (107-41-5):

ACGIH TLV TWA: 25 ppm (vapor fraction)
 ACGIH TLV STEL: 50 ppm / 10 mg/m³ (aerosol)
 NIOSH REL C: 125 mg/m³ / 25 ppm

Engineering Controls: Ensure good ventilation of the work station.
Hand Protection: Protective gloves.
Eye Protection: Safety glasses.
Skin/Body Protection: Wear suitable protective clothing.
Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental: Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

Physical State:	Liquid	Flammability:	No data available
Appearance:	Hazy liquid	Relative Density:	1.015–1.065
Color:	Light yellow	Solubility:	Dispersible in water
Odor:	Slight characteristic	Log Pow:	No data available
Odor Threshold:	No data available	Auto-ignition Temp.:	No data available
pH:	No data available	Explosive Properties:	None reported
Flash Point:	130 °C	Oxidizing Properties:	None reported

SECTION 10: Stability and Reactivity

Reactivity: Non-reactive under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Reactions: No dangerous reactions under normal conditions.
Conditions to Avoid: None under recommended storage and handling conditions (see Section 7).
Incompatible Materials: Strong alkalis, strong acids.
Hazardous Decomp. Products: None under normal storage and use.

**SECTION 11: Toxicological Information**

Acute Toxicity (Oral):	Not classified
Acute Toxicity (Dermal):	Not classified
Acute Toxicity (Inhalation):	Not classified
Skin Corrosion/Irritation:	Not classified
Serious Eye Damage/Irritation:	Causes serious eye damage.
Resp./Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive Toxicity:	Not classified
STOT-Single Exposure:	May cause drowsiness or dizziness.
STOT-Repeated Exposure:	Not classified
Aspiration Hazard:	Not classified

Key LD50/LC50 data:

Phenoxyethanol: LD50 oral rat 1850 mg/kg | LD50 dermal rat 14391 mg/kg | LC50 inh. rat >0.057 mg/l (8h)
Caprylyl Glycol: LD50 oral rat >2000 mg/kg | LC50 inh. rat >7.02 mg/l (4h)
Potassium sorbate: LD50 oral rat 3200 mg/kg | LD50 dermal rat >2000 mg/kg
Hexylene Glycol: LD50 oral rat 3700 mg/kg | LD50 dermal rat >2000 mg/kg | LC50 inh. rat >310 mg/m³ (1h)

SECTION 12: Ecological Information

General:	Not considered harmful to aquatic organisms or long-term adverse effects in the environment.
Persistence/Degradability:	Rapidly degradable. Components: phenoxyethanol, caprylyl glycol, hexylene glycol — readily biodegradable.
Bioaccumulation:	All components: low potential (Log Kow < 4).
Mobility in Soil:	Phenoxyethanol and Hexylene Glycol: highly mobile in soil.

SECTION 13: Disposal Considerations

Waste Treatment:	Dispose per licensed collector instructions in accordance with local/national regulations.
Packaging:	Do not re-use empty containers.

SECTION 14: Transport Information

DOT / TDG / IMDG / IATA: Not regulated for transport.

SECTION 15: Regulatory Information

US Federal (TSCA):	All components present and listed as Active on EPA TSCA inventory.
International:	No additional information available.
State Regulations:	Hexylene Glycol (107-41-5): NJ Right to Know PA Right to Know MA Right to Know

SECTION 16: Other Information

Revision Date:	1/16/2025 Issue Date: 1/13/2023 Version: 2.0
Standard:	29 CFR §1910.1200, HCS 2012
NFPA Ratings:	Health: 1 Fire: 1 Reactivity: 0
HMIS Ratings:	Health: 1 Flammability: 1 Physical: 0 PPE: B

Full text of H-statements:

H302:	Harmful if swallowed
H315:	Causes skin irritation
H318:	Causes serious eye damage
H319:	Causes serious eye irritation
H335:	May cause respiratory irritation
H336:	May cause drowsiness or dizziness

The information in this SDS is believed to be accurate and given in good faith but no warranty as to completeness or accuracy is made. Users are responsible for determining the suitability of these products for their own particular purpose. It is hereby confirmed that the delivered goods have been examined and are in accordance with our confirmation of order.