

SAFETY DATA SHEET

1. Product and Company Identification

Material name Elky Pro Banish
Product Use Detergent mixture
SDS# SA-707, SA-708
Date 01/01/2022
Chemical class Mixture
Manufacturer Hesco Inc.
218 Vermont St.
Quincy IL, 62301
217-223-3600
Emergency INFOTRAC
1-352-323-3500 (International) / 1-800-535-5053 (North America)

2. Hazards Identification

Emergency overview Harmful if swallowed. Prolonged exposure to skin may cause irritation. Irritating to eyes.

Potential health effects(Acute)

Eyes May cause eye irritation.
Skin Prolonged exposure may cause irritation and redness. Vapors may irritate respiratory tract and mucous membranes.
Inhalation
Ingestion May cause irritation to the gastrointestinal tract, nausea, vomiting and diarrhea.

Chronic effects

Eyes Possible corneal burns.
Inhalation Prolonged and repeated exposure to high concentrations of vapors may cause respiratory tract irritation.

Ingestion May cause nausea and vomiting.

GHS Classifications

Skin Corrosion: Cat. 2
Serious eye damage/irritation: 2A

Potential environmental effects May cause long-term adverse effects in the environment.



3. Composition / Information on Ingredients

Components	CAS #	Percent
Ethylene glycol monobutylether	111-76-2	1 - 5
Sodium Lauryl Sulfate (Alt Cas 68585-47-7)	151-21-3	1 - 5
Dipropylene glycol methylether	34590-94-8	1 - 5

4. First Aid Measures

First aid procedures

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 if irritation persists after washing.
Skin contact Remove contaminated clothing and shoes, wash when possible. Only prolonged exposure may irritate. Get medical attention if irritation develops and persists.
Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to a victim who is unconscious or is having convulsions. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties Not flammable by OSHA criteria. Not combustible by OSHA criteria.

Material name: Banish

Suitable extinguishing media	Select for surrounding area.
Protection of firefighters	
Protective equipment and precautions for firefighters	Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray.
Specific methods	Cool containers exposed to flames with water until well after the fire is out.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for containment	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Should not be released into the environment. Large Spills: Dike far ahead of spill for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Avoid breathing mist or vapor. Avoid contact with eyes. Wear personal protective equipment. Do not use in areas without adequate ventilation. Wash after handling. Avoid release to the environment.
Storage	Keep away from heat, sparks and open flame. Store in a well-ventilated place. Keep container tightly closed. Keep out of the reach of children. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Engineering controls	Ensure adequate ventilation, especially in confined areas.
Exposure Limits	Ethylene glycol monobutyl ether: 20 ppm TWA (ACGIH); 5 ppm REL (NIOSH); 50 ppm PEL (OSHA) Dipropylene glycol methyl ether: 100 ppm TWA (OSHA); 150 ppm STEL (ACGIH)
Personal protective equipment	
Eye/face protection	Avoid contact with eyes. Chemical goggles are recommended.
Skin protection	Wear suitable protective clothing.
Respiratory protection	If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.
General hygiene considerations	Avoid contact with eyes. Wash hands after handling and before eating. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountain and are recommended.

9. Physical & Chemical Properties

Physical state	Clear liquid, no color
Odor	Pleasant fragrance
pH	10.6 ±0.5
Freezing point	Not determined
Boiling point	208 °F
Flash point	None to boiling
Evaporation rate	Estimated faster than water.
Flammability limits in air, upper, % by volume	NOT APPLICABLE.
Vapor pressure	Not Determined or Unknown
Vapor density	> 1 (Air = 1)
Specific gravity	0.998 ±0.005
Density	8.30 ±0.05

Viscosity Not determined
 Solubility Complete

10. Stability & Reactivity

Chemical stability Material is stable under normal conditions.
 Incompatibilities Strong oxidizers.
 Hazardous decomposition products Carbon monoxide.

11. Toxicological Information

Local effects Harmful if swallowed. Irritating to eyes. Irritating to skin.
 Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Component	Oral LD50	Inhalation LC50	Dermal LD50
Glycol ether EB	1.2 g/kg (Guinea pig)	>633 ppm; 1h (Guinea pig)	400-500 mg/kg (Rabbit)
Glycol ether DPM	5230 mg/kg (Rat)	-----	9500 mg/kg (Rabbit)

12. Ecological Information

Ecotoxicological data

Components Test Results
 Sodium Lauryl Sulfate (Alt Cas 68585-47-7)(151-21-3) EC50 Water flea (Daphnia obtusa): 9.2 - 10.4 mg/l 48 hours
 LC50 Carp, hawk fish (Cirrhinus mrigala): 0.59 mg/l 96 hours

Ecotoxicity Contains a substance which causes risk of hazardous effects to the environment.
 Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal Considerations

Disposal instructions Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.

14. Transport Information

DOT/IMDG/IATA Hazard Classification: Non-Hazardous, not regulated

Hazardous: N

Shipping Name: LIQUID CLEANING COMPOUNDS

Freight Class: 55

15. Regulatory Information

CERCLA (Superfund) reportable quantity
 None

Superfund Amendments and Reauthorization Act of 1986 (SARA)
 Section 302 extremely hazardous substance No
 Section 311 hazardous chemical Yes
 Section 313 Chemicals Ethylene glycol monobutyl ether 4%, Dipropylene glycol methyl ether 6%

Clean Water Act (CWA) Hazardous substance

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA)Inventory	
*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)		
State regulations	California Proposition 65	
known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.		
Right to Know Information: Ethylene glycol monobutyl ether; Pennsylvania and New Jersey.		

16. Other Information

Further information	HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings	Health: 1 Flammability: 0 Physical hazard: 0 Personal protection: B
NFPA ratings	Health: 1 Flammability: 0 Instability: 0
Disclaimer	Terms and Conditions. This SDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subject to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer (nor the agents, directors, officers, contractors or employees of either) are liable to any party for any damages of any nature, including direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The receipt and use of this information constitutes consent to these terms and conditions.