

SAFETY DATA SHEET

1. Product and Company Identification

Material name Banish Bonnet Cleaner
Product Use Detergent mixture
SDS# SA-707, SA-708
Date 01/27/16
Chemical class Mixture
Manufacturer Hesco Inc.
6633 N. Milwaukee Ave.
Nile, IL 60714
Phone: (800)822-7463
Fax: (847)647-0534
Emergency CHEMTREC (800)424-9300

2. Hazards Identification

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

Potential health effects(Acute)

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| Eyes | May cause eye irritation. |
| Skin | Prolonged exposure may cause irritation and redness. Vapors may irritate respiratory tract and mucous membranes. |
| Inhalation | may irritate respiratory tract and mucous membranes. |
| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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 |
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