

# Hygenall<sup>®</sup>

## SAFETY DATA SHEET (SDS)

SDS Date: June 2019

### Section 1: Identification

**IDENTIFICATION OF PREPARATION:** Hygenall<sup>®</sup> FieldWash<sup>™</sup>, Full-Spectrum<sup>®</sup> Foaming Decon Soap

**USE OF PREPARATION:** Skin Decontamination and Cleaning

**COMPANY IDENTIFICATION** Hygenall Corporation  
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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations of Canada and the MSDS contains all the information required by the Controlled Products Regulations.

### Section 2: Hazards Identification

**Classification of the substance or mixture:**

The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03.

**Label elements:**

- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Unknown acute toxicity:**  
This value refers to knowledge of known, established toxicological or ecotoxicological values.
- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

**HMIS-ratings (scale 0-4)**

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	0

- 4. Severe Hazard
- 3. Serious Hazard
- 2. Moderate Hazard
- 1. Slight Hazard
- 0. Minimal Hazard

**Hazard(s) not otherwise classified (HNOC):** None know

### Section 3: Composition / Information on Ingredients

· **Non-hazardous components:**

7732-18-5	Water, distilled water, deionized water	≥85%
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**Chemical characterization: Mixtures**

**Description:** Mixture of substances listed below with non-hazardous additions.

Ingredient	CAS NUMBER	RTECS
Glycerine	56-81-5	MA 8050000
Proprietary	Trade Secret	Not Listed
Propionic Acid	137-16-6	UE 5950000

The remaining ingredients are not reportable, and the percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

**Information regarding proprietary ingredients is available from the manufacturer upon request. All ingredients are listed in TSCA inventory.**

### Section 4: First Aid Measures

**General Information:** No special measures required.

**Eye Contact:** Flush eyes with large amounts of temperate water. Consult a doctor for a more detailed medical evaluation if irritation continues.

**Skin:** Not expected to cause irritation, but if irritation occurs, wash skin thoroughly with mild soap and room temperature running water. Remove contaminated clothing. Seek immediate medical attention if irritation continues.

**Ingestion:** Not expected to be a significant route of exposure based on expected use. If ingestion occurs, rinse out mouth and then drink plenty of water Do not induce vomiting. If symptoms develop and/or persist, seek medical attention.

**Information for Doctor:** No further relevant information available.

No further relevant information available.

### Section 5: Fire-Fighting Measures

**EXTINGUISHING MEDIA:** Any      **Special Firefighting Procedures:** None.

**Unusual Fire and Explosion Hazards:** None.

### Section 6: Accidental Release Measures

**Steps to be taken if Material is Released or Spilled:** Avoid contact with eyes. Clean up with inert absorbent material. Sweep or scrape into approved container for proper disposal. See Section Section 13 for Disposal Considerations.

**Protective Action Criteria for Chemicals**

· <b>PAC-1:</b>		
56-81-5	Glycerine	45 mg/m <sup>3</sup>
9005-00-9	Polyoxyethylene(20) stearyl ether	5.7 mg/m <sup>3</sup>
65-85-0	Benzoic acid	13 mg/m <sup>3</sup>
· <b>PAC-2:</b>		
56-81-5	Glycerine	180 mg/m <sup>3</sup>
9005-00-9	Polyoxyethylene(20) stearyl ether	63 mg/m <sup>3</sup>
65-85-0	Benzoic acid	140 mg/m <sup>3</sup>

<b>PAC-3:</b>		
56-81-5	Glycerine	1,100 mg/m <sup>3</sup>
9005-00-9	Polyoxyethylene(20) stearyl ether	380 mg/m <sup>3</sup>
65-85-0	Benzoic acid	830 mg/m <sup>3</sup>

## Section 7: Handling and Storage

Store in a tightly closed container in a dry secure area inaccessible to children and protect from heating and freezing. Empty containers retain product residue. Observe all precautions in this sheet. Avoid contact with eyes. **KEEP OUT OF THE REACH OF CHILDREN UNLESS UNDER DIRECT SUPERVISION OF AN ADULT.**

## Section 8: Exposure Controls / Personal Protection

**Additional information about design of technical systems:** No further data; see section 7.

### Control parameters:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

### Components with occupational exposure limits:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

#### 56-81-5 Glycerine

PEL	Long-term value: 15* 5** mg/m <sup>3</sup> mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.

**Additional information:** The lists that were valid during the creation of this SDS were used as basis.

### Exposure controls:

#### Personal protective equipment

#### General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:** Not required.

**Protection of hands:** Not required.

**Material of gloves:** Not applicable

**Penetration time of glove material:** Not applicable

**Eye protections:** Goggles recommended during refilling.



**Body protection:** Not required.

**Limitation and supervision into the environment:** None

## Section 9: Physical and Chemical Properties

Appearance:	A colorless or slight gold color liquid.
Odor Threshold:	Not Available
pH:	6.0 ± 0.5
Melting Point:	Not Applicable
Freezing Point:	Not Available
Boiling Point:	Approx. 100°C or 212°F
Boiling Range:	Not Available
Flash Point:	Not Available
Evaporation Rate:	~1 (Water = 1)

Flammability: (solid, gas):	Not Applicable
Lower Explosive Limit (LEL):	None
Upper Explosive Limit (UEL):	None
Vapor Pressure @ 20C (68F):	≤23 hPa (≤17.3 mm Hg)
Vapor Density:	Not Available
Relative Density (Specific Gravity):	Approx. 1.0
Solubility(ies): in Water:	100%
Partition Coefficient:	Not Available
Viscosity of Solution:	Same as water
Total Volatile Organic Compounds (TVOC) (G/L):	0.00%

## Section 10: Stability and Reactivity

This material is stable under expected conditions of use, handling and storage.

**Incompatibility:** Strong acids, strong bases and strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of Carbon, Nitrogen (NOx) and Sodium and Hydrochloric Acid gas.

## Section 11: Toxicological Information

NO DATA AVAILABLE ON THE SPECIFIC MIXTURE.

**Primary Routes of Entry:**  Skin contact;  Skin absorption; \_\_\_ inhalation;  Ingestion

**Potential health effects:**

Eyes- No irritating effect.

Skin – No irritating effect.

Swallowing – Minimal toxicity.

Breathing – Excessive inhalation of sprayed mist may cause irritation.

**Acute Toxicity:**

· <b>LD/LC50 values that are relevant for classification:</b>		
<b>56-81-5 Glycerine</b>		
Oral	LD50	12,600 mg/kg (Rat)
Dermal	LD50	>10,000 mg/kg (Rabbit)
Inhalative	LC50/96 hours	>50,000 mg/l (Trout)

**Additional toxicological information:** The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Carcinogenic categories:**

· <b>IARC (International Agency for Research on Cancer):</b>
None of the ingredients are listed.
· <b>NTP (National Toxicology Program):</b>
None of the ingredients are listed.
· <b>OSHA-Ca (Occupational Safety &amp; Health Administration):</b>
None of the ingredients are listed.

## Section 12: Ecological information

**Toxicity:** No further relevant information available.

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Additional ecological information:**

**General notes:** Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

**Results of PBT and vPvB assessment:**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

**Other adverse effects:** No known significant effects or critical hazards.

## Section 13: Disposal Considerations

**Waste Disposal Method:** Less than 5 gallons may be washed to a sanitary sewer with a large amount of water. More than 5 gallons should be washed to the sewer with a large quantity of water.

## Section 14: Transport Information

**D.O.T. Hazard Class:** Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

**UN-Number:**

**DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material

**UN proper shipping name:**

**DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material

**Transport hazard class(es):**

**DOT, ADR/ADN, ADN, IMDG, IATA**

**Class:** Non-Regulated Material

**Packing group:**

· **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material

**Environmental hazards** Not applicable.

**Special precautions for user:** Not applicable.

**Transport in bulk according to Annex II of**

**MARPOL73/78 and the IBC Code:** Not applicable.

· **UN "Model Regulation":** Non-Regulated Material

## Section 15: Regulatory Information

**Safety, Health and environmental regulations/legislation specific for the substance or mixture:**

**SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act):**

All components have the value ACTIVE.

· **Hazardous Air Pollutants**

None of the ingredients are listed.

**California Proposition 65:**

<b>· Chemicals known to cause cancer:</b>	
None of the ingredients are listed.	
<b>· Chemicals known to cause reproductive toxicity for females:</b>	
None of the ingredients are listed.	
<b>· Chemicals known to cause reproductive toxicity for males:</b>	
None of the ingredients are listed.	
<b>· Chemicals known to cause developmental toxicity:</b>	
None of the ingredients are listed.	
<b>· New Jersey Right-to-Know List:</b>	
56-81-5	Glycerine
65-85-0	Benzoic acid
<b>· New Jersey Special Hazardous Substance List:</b>	
None of the ingredients are listed.	
<b>· Pennsylvania Right-to-Know List:</b>	
56-81-5	Glycerine
65-85-0	Benzoic acid
<b>· Pennsylvania Special Hazardous Substance List:</b>	
65-85-0	Benzoic acid
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**GHS label elements** Non-Regulated Material**Hazard pictograms:** Non-Regulated Material**Signal word:** Non-Regulated Material**Hazard statements:** Non-Regulated Material**National regulations:** None of the ingredients are listed.**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out**Section 16: Other Information****Date of last revision/ revision number:** 06/26/2019 / 1**Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways IMDG:

International Maritime Code for Dangerous Goods

DOT: US Department of Transportation IATA:

International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European

Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA) VOC:

Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent LD50:

Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very

Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health OSHA:

Occupational Safety &amp; Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit REL:

Recommended Exposure Limit

Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox.

4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B Skin Irrit. 2: Skin

corrosion/irritation – Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B Skin Sens.

1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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