



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier

Product name	MY SHIELD® PRO HOSPITAL DISINFECTANT SPRAY
Product number	E-1007
UN/ID No	NA
Product Code	E-1007
EPA REG NO	94196-3

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

Recommended Use: Hard surface cleaner/disinfectant hospital grade, viricidal, tuberculocidal N-List approved for corona virus.

1.3. Details of the supplier of the safety data sheet Supplier Address:

ESC BRANDS LLC
1060 Blue Prince Road
Bluefield WV 27401

1.4. Emergency telephone number

Emergency Telephone

1-888-331-8332 (North America)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

EPA Hazard Classification (40 CFR 156.62)

Acute Toxicity-Oral: Category IV
Acute Toxicity-Dermal: Category III
Acute Toxicity- Air Inhalation: Category III
Acute Toxicity-Skin Corrosion/Irritation: Category IV Non-irritant
Acute Toxicity-Serious Eye Damage/Irritation: Category 1
Acute Toxicity-Skin/Dermal Sensitization: Category IV- Non-Sensitization Non-Allergenic

US Hazard Classification (29CFR 1910.1200-2012):

Flammable Liquid and Vapor: Category 3 H226
Acute Toxicity-Oral: Category IV
Acute Toxicity-Dermal: Category IV LD₅₀ >5000 mg/kg
Acute Toxicity- Air Inhalation: Category IV
Acute Toxicity-Skin Corrosion/Irritation: Non-irritant
Acute Toxicity-Serious Eye Damage/Irritation: Category 1
Acute Toxicity-Skin/Dermal Sensitization: Non-irritant

GHS Hazard Classification

Acute Toxicity-Oral: Category 5
Acute Toxicity-Dermal: Not Classified LD₅₀ >5050mg/kg

Acute Toxicity-Air Inhalation: Category 4
 Acute Toxicity-Skin Corrosion/Irritation: Non-irritant
 Acute Toxicity-Serious Eye Damage/Irritation: Category 1
 Acute Toxicity-Skin/Dermal Sensitization: Non-sensitization

2.2. Hazard Pictograms



Signal Word: **DANGER**

Hazard Statements

H226	Flammable liquid and vapor
H318	Causes serious eye damage

Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking
P233	Keep container tightly closed
P235	Keep cool
P240	Ground/bond container and receiving equipment
P241	Use explosion proof electrical/ventilation/lighting
P242	Use only non-sparking tools
P243	Take precaution measures against static discharge
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Do not eat, drink or smoke when using this product
P264	Wash hands thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301	Call a Poison Center or doctor/ physician if you feel unwell
P303	IF ON SKIN (or hair): Take off immediately contaminated clothing. Rinse skin with water/shower
P310	Immediately call a POISON CENTER or doctor/physician
P312	Call a Poison Center or doctor/ physician if you feel unwell
P330	Rinse mouth.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
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 or attention
P405	Store locked up
P501	Dispose of contents/container in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Prevention: Wear protective eyewear (goggles, face shield or safety glasses)

Response: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures	CAS #	
Polyhexamethylene biguanide hcl	32289-58-0	0.5 %
1-Octadecanamimium N,N		
dimethyl 3- trimethoxysilyl propyl chloride	27668-52-6	0.792 %
Alkyl(C14-50%, C12-40%, C16-10%) Dimethyl		
Benzyl ammonium chloride	68424-85-1	0.40%
Octadecyldimethyl ammonium chloride	32426-11-2	0.30%
Diocetyl dimethyl ammonium chloride	5538-94-3	0.12%
Didecyl dimethyl ammonium chloride	7173-51-5	0.18%
Other ingredients		97.708%

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Remove victim immediately from source of exposure. Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice

Ingestion

Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

Skin contact.

Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call poison control center or doctor for treatment advice

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards

None.

5.3. Advice for firefighters

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Follow precautions for safe handling described in this safety data sheet.

6.2. Environmental precautions

This Disinfectant is slightly toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA

6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

SECTION 7: STORAGE & HANDLING

Advise on safe handling: Avoid contact with skin and eyes.

Provide sufficient air exchange and/ or exhaust in work rooms

Conduct for safe storage: Keep container tightly closed

Recommended storage temperature: 18.3-35C above 32F Do not freeze

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters Ingredient Comments

No exposure limits noted for ingredient(s)

8.2. Exposure controls

Protective equipment

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory equipment

None.

Hand protection

Gloves

Eye protection

Eye glasses with safety shields

Other Protection

Wear appropriate long sleeve clothing.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear to cloudy (when cold)
Odor	Ethanol
Odor Threshold	Not determined
pH	3.5-7.0
Melting point/freezing point	0°C/0°C
Boiling point/boiling range	NA °C
Flash point close cup	35.0 °C
Evaporation rate	NA
Flammability (solid, gas)	N/A
Flammability Limits in Air	
Upper flammability limits	N/A
Lower flammability limit	N/A
Vapor pressure	TBD mmHg
Vapor density	TBD gm/m ³
Specific Gravity @ 23.5C	0.90-0.99
Water solubility	Soluble in water
Solubility in other solvents	Not determined
Partition coefficient	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined

Other Information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not available.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid freezing since water based. (will thaw)

10.5. Incompatible materials

Not available

10.6. Hazardous decomposition product

None.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Oral LD₅₀

LD₅₀>5000 mg/kg

Acute Dermal LD₅₀

LD₅₀ > 5050mg/kg Category IV

Skin contact

Non-irritant

Acute Eye Irritation

Reversible eye irritation Category 2B

Acute Inhalation Toxicity

LC₅₀ >2.1 mg/L Category 4

Skin Sensitization contact
Non-sensitization

Germ Cell Mutagenicity
Data is not available at this time

Carcinogenicity
Data is not available at this time. Not expected to be carcinogenic.

Reproductive Toxicity
Data is not available at this time. Not expected to have reproductive toxicity.

STOT-single exposure
Unclassified

STOT-repeated exposure
Unclassified

Aspiration Hazard
Data is not available at this time

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

12.1. Toxicity

Acute Toxicity Daphnia magna OECD 202

Immobility
Data is not available at this time

Acute Toxicity Danio Rerio OECD 203

Data is not available at this time

Fresh water Algae Growth Desmodesmus subspicatus at 72 hours OECD 201

Data is not available at this time

12.2. Persistence and degradability

Degradability
Data is not available at this time

12.3. Bioaccumulative potential

Bioaccumulative potential
Data is not available at this time

12.4. Mobility in soil

Mobility: Data is not available at this time

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances

12.6. Other adverse effects

Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

General information Factory Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Do not puncture or incinerate even when empty This Disinfectant is slightly toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds,

estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA..

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority require

SECTION 14: TRANSPORTATION INFORMATION

DOT

Proper shipping name Combustible liquid, n.o.s. contains Ethyl alcohol

UN/ID No NA1993
Hazard Class Combustible liquid
Packing Group III
Special Provisions Exemption 173.150

TDG

UN/ID No
Proper shipping name
Hazard Class
Packing Group
Special Provisions

IATA

UN/ID No
Proper shipping name
Hazard Class
Subsidiary hazard class
Packing Group
ERG Code

IMDG

UN/ID No
Proper shipping name
Hazard Class
Subsidiary hazard class
Packing Group III

SECTION 15: REGULATORY INFORMATION

U.S. EPA Pesticide Label Information:

EPA Registration No. 94196-3

TGA Registration No.

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below