

Safety Data Sheet

Product: GreenMBalm Surgical Training Fluid (GMB-STF)

SDS No: 23-G6667

SECTION 1 GENERAL INFORMATION

GREEN SOLUTIONS GROUP, LLC
2085 GOLD KNOB ROAD
SALISBURY NC 28146

Telephone:
In case of emergency call chemtrec:
Outside of U.S.A.:
Revised Date: 5/26/2023

SECTION 2 HAZARD(S) IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910.1200 (OSHA HCS/GHS).

GHS - Classification

Flammable Liquid (Category 3)
Eye Damage/Irritation (Category 2A)

Signal Word:



Danger

Hazard Statement(s)

H226 Flammable liquid and vapour
H319 Causes serious eye irritation

Precautionary Statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P240 Ground/Bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/eye protection/protective clothing.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER.
P302 + P352 IF ON SKIN: Wash with plenty of water for at least 15 minutes or more while removing clothing.
P402 + P404 Store in a dry place. Store in a closed container.
P501 Dispose of contents in container in accordance with local/state/federal/international regulations.

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

ETHANOL SDA 40-B 200

CAS#

64-17-5

PERCENTAGE

<35

SPECIFIC CHEMICAL IDENTITY AND PERCENTAGE (CONCENTRATION) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200

SECTION 4 FIRST AID MEASURES

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.
SKIN: IMMEDIATELY REMOVE CONTAMINATED CLOTHES. WASH SKIN WITH SOAP & WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER TO DILUTE. KEEP PATIENT WARM AND QUIET AND GET IMMEDIATE MEDICAL ATTENTION.
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING STOPPED, GIVE ARTIFICIAL

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RESPIRATION

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: 81 F
EXTINGUISHING METHOD: USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, OR FOAM
SPECIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
UNUSUAL FIRE FIGHTING PROCEDURES: KEEP AWAY FROM HEAT, SPARKS, FLAME.

SECTION 6 ACCIDENTIAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
ENVIRONMENTAL PRECAUTIONS: Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.
METHODS FOR CLEAN UP: Use mechanical handling equipment. Soak up with inert absorbent material(e.g. sand, silica gel, acid binder, universal binder, sawdust)
SPILL: VENTILATE AREA, PERSONS PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PROTECTION EQUIPMENT. CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLE ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF THE MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE: MATERIAL SHOULD BE STORED IN ITS OWN CONTAINER AND SHOULD ALWAYS BE KEPT COVERED WHEN NOT IN USE.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

ROUTES OF EXPOSURE: EYES SKIN INGESTION INHALATION

SYMPTOMS OR ACUTE HEALTH HAZARDS

EYES: CAUSES SERIOUS EYE IRRITATION
SKIN: HARMFUL IF ABSORBED THROUGH THE SKIN
INGESTION: HARMFUL IF SWALLOWED.
INHALATION: HARMFUL IF INHALED.

RESPIRATORY PROTECTION: IF NEEDED, USE A NIOSH APPROVED RESPIRATOR.

VENTILATION: USE SUFFICIENT MECHANICAL(GENERAL)OR LOCAL EXHAUST.

PROTECTIVE EQUIPMENT: GLOVES FACESHIELD APRON GOGGLES IMPERVIOUS COVERALLS

WORK/ HYGIENIC PRACTICES: AS WITH ALL INDUSTRIAL CHEMICALS, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HANDS AND UNPROTECTED SKIN SHOULD BE THOROUGHLY WASHED AND CONTAMINATED CLOTHING SHOULD BE CHANGED PRIOR TO ANY DIRECT PERSONAL CONTACT. ALL EXPOSED CLOTHING SHOULD BE LAUNDERED PER NORMAL CARE INSTRUCTIONS BEFORE REUSE

EXPOSURE LIMITS

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LIMITS

PEL=1000PPM

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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PH:	4.0-6.0	AS IS	Evaporation Rate:	NO DATA
SOLUBILITY:	SOLUBLE IN WATER		Vapor Pressure:	59.5 HPA
SPECIFIC GRAVITY:	0.950-1.000		Vapor Density:	NO DATA
APPEARANCE:	CLEAR COLORLESS LIQUID		Auto Ignition Temperature:	363 C
Bod:	NO DATA		LEL:	3.3%
Cod:	NO DATA		UEL:	19%
Odor:	MILD		VOC:	NO DATA
OdorThreshold:	NO DATA		FlashPoint:	81 F
MeltingPoint:	-143.99C			
BoilingPoint:	78-80C			

SECTION 10 STABILITY AND REACTIVITY

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
DECOMPOSITION PRODUCTS:	CARBON DIOXIDE, CARBON MONOXIDE
CONDITIONS AND MATERIALS TO AVOID:	HEAT, SPARKS, FLAME, IGNITION SOURCES

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	NO DATA
Chronic Toxicity:	NO DATA
Carcinogenicity:	NONE
Target Organ Effects:	NO DATA

This product has not yet been tested. The information is derived from the properties of the individual components.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	NO DATA
Persistence Degradability:	NO DATA
Bioaccumulation:	NO DATA
Mobility:	NO DATA

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SECTION 13 DISPOSAL CONSIDERATIONS

Disposal of this product should be made in accordance with federal state and local regulations.

SECTION 14 TRANSPORT INFORMATION

TRANSPORTATION:	GROUND/IATA/IMDG
	UN1993 FLAMMABLE LIQUID N.O.S. (ETHANOL) 3 PG III

SECTION 15 REGULATORY DATA

TITLE III-SARA: THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372
THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS FOUND ON THE SARA LIST IN 40 CFR 372.

SECTION 16 OTHER INFORMATION

Large Spill: Consider initial downwind evacuation for at least 300 meters(1000 feet).

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Fire: If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

Listed on the following inventories: TSCA

DISCLAIMER

THE INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THIS COMPANY OR NOT. THE INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND SUITABLE FOR THEIR NEEDS.

End of SDS