

Suttocide A

Emergency Telephone: CHEMTREC: 1-800-424-9300 (Spill Related Emergencies)
PROSAR: 1-800-241-7439 (Health Related Emergencies)
Prepared By: Product Stewardship
Product Id: 20007D
Product Name: SUTTOCID A 50% SOLUTION
CAS Registry Number: 70161-44-3;
CAS Registry Name: Glycine, N-(hydroxymethyl)-, monosodium salt; Water
Synonyms: Sodium Hydroxymethylglycinate; Aqua (INCI NAMES)
Formula: C3H7NO3·Na
Molecular Weight: 127.10

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Components:	Weight %	ACGIH Threshold Limit Values Data – Time Weighted Average (TWA):	OSHA Specifically Regulated Substances Data - Time Weighted Average (TWA):
Glycine, N-(hydroxymethyl)-, monosodium salt 70161-44-3	50	No TLV/TWA Established	No TLV/TWA Established

Statement of Hazardous Nature: Causes moderate skin irritation. Causes mild eye irritation. Moderate Sensitizer

3. HAZARDS IDENTIFICATION

Emergency Overview

WARNING! CAUSES MODERATE SKIN IRRITATION. CAUSES MILD EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION.

Hazard Overview

Target Organs: Skin / Eyes
Primary Entry Routes: Dermal - skin. Eyes.
Acute Health Hazards: Causes moderate skin irritation. Causes mild eye irritation. May cause an allergic skin reaction.
Chronic Health Hazards: Unknown

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Signs and Symptoms of Overexposure

Eye Contact: Causes mild eye irritation .
Skin Contact: Causes moderate skin irritation. May cause an allergic skin reaction.
Ingestion: Not a hazard under normal use conditions.
Inhalation: May cause allergic respiratory reaction.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Skin Contact: Immediately wash with soap and plenty of water. Remove contaminated clothing and launder before reuse. Get medical attention if symptoms occur.

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

5. FIRE FIGHTING MEASURES

NFPA Rating: Health: 2 Flammability: 1 Reactivity: 0

Flash Point (°F): 212

Extinguishing Media: All standard firefighting media

Unusual Fire/Explosion Hazards: Unknown

Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

HMIS RATING:

HEALTH 2
FLAMMABILITY 1
PHYSICAL HAZARD 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate protective equipment.

Procedure for Cleaning/Absorption: Contain spill with sand or other inert materials.

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7. HANDLING AND STORAGE

- Handling:** Avoid contact with skin and eyes. Do not get on skin. Wash thoroughly with soap and water after handling.
- Storage:** Keep containers tightly closed when not in use. Store in a cool, dry place, out of direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Use in a well ventilated area.
- Respiratory Protection:** Wear a NIOSH approved respirator appropriate for airborne exposure at the point of use.
- Hand Protection:** All cleanable impervious glove types are acceptable.
- Eye Protection:** Chemical goggles; also wear a face shield if splashing hazard exists.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State:** Liquid
- Color:** Clear to pale yellow
- Odor:** CHARACTERISTIC, MILD
- Odor Threshold:** Not available
- pH:** 10.0-12.0
- Specific Gravity:** 1.3
- Boiling Point (°F):** 210
- Melting Point (°F):** Not determined
- Vapor Pressure:** 1.0 mmHg @ 20°C
- Solubility:** Soluble in water

10. STABILITY AND REACTIVITY

- Chemical Stability:** Stable under normal conditions of handling, use and transportation.
- Hazardous Polymerization:** Will not occur
- Conditions to Avoid:** Temperatures over 85°F.
- Materials to Avoid:** Epoxy or phenolic-lined containers.

11. TOXICOLOGICAL INFORMATION

Toxicity Test:

Acute Oral LD50 (mg/kg): 2,100 (rat)

Acute Dermal LD50 (mg/kg): >2,000 (rabbit) (100% Sodium hydroxymethylglycinate)

Acute Inhalation LC50 (mg/l): 6.0 (rat) (4.5 hr. exposure)

Sensitization: Strong sensitizer to guinea pig skin (GPMT) (as sold).
Non-sensitizer (Human RIPT) (0.5% aqueous solution)
Moderate sensitizer to guinea pig skin (GPMT) (5% w/v aqueous solutions)
Mild sensitizer to guinea pig skin (GPMT) (0.5% w/v aqueous solution)

Mutagenicity: Non-mutagenic (Ames assay) (100% Sodium hydroxymethylglycinate)
Non-mutagenic (Mouse micronucleus)
Non-mutagenic (Rat hepatocyte/DNA repair assay)
Non-mutagenic (In Vivo - In Vitro Rat Hepatocyte UDS Assay)

Reproductive/Developmental Oral; Rat; 150, 300 or 450 mg/kg/day for 9 days; not teratogenic or embryotoxic

Toxicity: (100% sodium hydroxymethylglycinate).

Skin Irritation: Non-irritating to human skin (0.5% aqueous solution)
Non-irritating to guinea pig
Moderately irritating to rabbit skin (100% solids).

Eye Irritation: Mildly irritating to rabbit eye with and without washout.

Other Information: Subchronic Oral Toxicity: 90 day Rat; 10, 40, and 160 mg/kg/day Sodium hydroxymethylglycinate. No toxic effects.

12. ECOLOGICAL INFORMATION

Biodegradability: Readily biodegradable

Aquatic Toxicity: 96 hr. Flow-through LC50 > 100mg/L (Bluegill) (100% Sodium hydroxymethylglycinate)
96 hr. Flow-through LC50 = 93.8 mg/L (Rainbow Trout) (100% Sodium hydroxymethylglycinate)
48 hr. Flow-through LC50 = 100mg/L (Daphnia) (100% Sodium hydroxymethylglycinate)
Bobwhite LD50 > 2,250 mg/kg (100% Sodium hydroxymethylglycinate)
Bobwhite & Mallard LD50 > 5,620 ppm (100% Sodium hydroxymethylglycinate)

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13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

14. TRANSPORT INFORMATION

Land Transportation:

DOT (Non-Bulk):

DOT Shipping Name: NOT REGULATED

UN/NA Number: NONE

Hazard Class: NONE

DOT (Bulk):

DOT Shipping Name: NOT REGULATED

UN/NA Number: NONE

Air Transportation (IATA):

Proper Shipping Name: NOT REGULATED

UN Number: NONE

Hazard Classification: NONE

Sea Transportation (IMO):

Proper Shipping Name: NOT REGULATED

UN/ID Number: NONE

Hazard Classification: NONE

TDG (Canada):

Proper Shipping Name: NOT REGULATED

Hazard Class: NONE

15. REGULATORY INFORMATION

TSCA Inventory List -	This product and/or its components is listed on TSCA.
California Proposition 65 Carcinogens & Reproductive Toxicity (CRT) List -	None of the components of this product is listed on CALPROP.
WHMIS Ingredient Disclosure List -	None of the components of this product is listed on WHMIS Ingredient Disclosure list.
Canada DSL Inventory List -	This product and/or its components is not listed on DSL.
Canada NDSL Inventory List -	This product and/or its components is not listed on NDSL.
Japan Inventory of Existing & New Chemical Substances (ENCS) -	This product and/or its components is not listed on ENCS.
Australia Inventory of Chemical Substances (AICS) List -	This product and/or its components is listed on AICS.
EU EINECS List -	This product and/or its components is listed on EINECS.
EU ELINCS List -	This product and/or its components is not listed on ELINCS.

16. OTHER INFORMATION

Disclaimer

The information contained in this Certificate of Analysis and Material Safety Data Sheet are obtained from current and reliable sources. As the ordinary or otherwise use(s) of this product is outside the control of Ingredients To Die For, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained.

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