



Safety Data Sheet

1. IDENTIFICATION

Product identifier: Cleaner & Pet Deodorizer
Product description: Heavy Duty Cleaner Degreaser
Chemical family: Alkali/detergent blend
Relevant identified uses: Artificial Grass Cleaner & Deodorizer

Distributor

Synthetic Turf Resources (STR) SportGroup
2680 Abutment Road
Dalton, GA 30721

Customer Service: 706-277-1012

Emergency telephone number (24 hour)

CHEM-TEL (Medical and Transportation): 800-255-3924

POISON CONTROL CENTER (Medical): 800-222-1222

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Health hazards: Skin Irritation, Category 2
Eye Irritation, Category 2A

Label elements



Exclamation mark

Signal word: DANGER

Hazard statement(s)

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary statement(s)

Prevention:

P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/eye protection/face protection.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

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Emergency overview

Physical appearance: Purple liquid.

Immediate concerns: Causes severe eye irritation. Skin irritant.

Potential health effects

Eye: Contact causes severe eye irritation.

Skin: Contact may cause moderate to severe irritation.

Skin absorption: No known significant effects or critical hazards.

Ingestion: Irritating to mouth and throat.

Inhalation: Mist may be irritating to nose, throat and lungs.

Reproductive toxicity

Reproductive toxicity: None known.

Teratogenic effects: None known.

Carcinogenicity: None known.

Mutagenicity: None known.

Medical conditions aggravated: Previous skin conditions such as dermatitis may be aggravated.

Routes of entry: Eye, skin, ingestion, inhalation.

Warning caution labels: Exclamation Point

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	% W/W	CAS NO.
Butoxydiglycol	5 - 10	112-34-5
Sodium Dodecylbenzenesulfonate	1 - 5	25155-30-0
Sodium Metasilicate	1 - 5	6834-92-0
Tetrasodium EDTA	1 - 5	64-02-8
Fragrance	< 1	TS
Dye	< 0.1	TS
Water	75 - 85	7732-18-5

Comments: If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

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4. FIRST-AID MEASURES

Eye: 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 eye.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

Most important symptoms and effects, both acute and delayed

Eye: Causes serious eye irritation.

Skin: Contact causes skin irritation.

Skin absorption: No known significant effects or critical hazards.

Ingestion: Irritation of mouth, throat, along with upset stomach, vomiting.

Inhalation: Irritation of nose, throat and lungs with coughing.

Acute effects: Severely irritating to eyes. Skin irritant.

5. FIRE-FIGHTING MEASURES

Flammable class: NA = Not Applicable

General hazard: NA = Not Applicable

Suitable extinguishing media: Not required. Water based material.

Fire fighting procedures: NA = Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Small spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

Environmental precautions

Water spill: Avoid discharges into open waterways and notify your local emergency services if this occurs.

Land spill: Avoid discharge to soil.

Air spill: NA = Not Applicable

General procedures: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

Special protective equipment: Eye protection, rubber gloves, rubber boots to protect feet.

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7. HANDLING AND STORAGE

General procedures: Close container after use.

Precautions for safe handling: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

Conditions for safe storage: Store in area inaccessible to children.

Storage temperature: Store at ambient temperatures.

Storage pressure: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

CONTROL PARAMETERS				
OCCUPATIONAL EXPOSURE LIMIT VALUES				
CHEMICAL NAME	TYPE		PPM	MG/M ³
Butoxydiglycol	ACGIH TLV	TWA	10	
	Supplier OEL	TWA	35	NL
		STEL	NL	NL

Appropriate engineering controls: Use in well ventilated area.

Individual protection measures, such as personal protective equipment

Eye / face protection: Chemical splash goggles and full face-shield.

Skin protection - hand protection: Rubber or other chemical resistant gloves. Rubber boots if used on floors.

Respiratory protection: A respirator is not needed under normal and intended conditions of product use.

Skin protection - other: Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

Occupational hygiene practices: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

Other use precautions: Handle according to established industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: Purple

Odor: Fresh linen

Odor threshold: Not Established

pH: 12.5 to 13.5

Melting point: No data available

Freezing point: 32o F; 0o C

Initial boiling point and boiling range: 212o F; 100o C

Flash point: None

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Evaporation rate (n-butyl acetate = 1): No data available
Lower explosion limit / flammability limit: N/A
Vapor pressure: No data available
Relative vapor density: No data available
Density: 8.61 at (68°F)
Relative density: 1.032 grams/ml. at 20°C (68°F)

Solubility: Complete
Auto-ignition temperature: NA = Not Applicable
Decomposition temperature: Not Available
Viscosity: Water thin.
Percent volatiles: >75
VOC content: None

10. HANDLING AND STORAGE

Reactivity: Stable
Dangerous polymerization: No
Conditions to avoid: Not Established
Possibility of hazardous reactions: None Expected.
Hazardous decomposition products: None known.
Incompatible materials: Strong acids, oxidizers.

11. EXPOSURE CONTROLS/PERSONAL PROTECTION

Acute toxicity

CHEMICAL NAME	LD ₅₀ (ORAL) MG/KG(RAT)	LD ₅₀ (DERMAL) MG/KG(RABBIT)	LC ₅₀ (INHALATION) MG/L
Sodium Metasilicate	1152 to 1349 mg/kg (rat)		
Tetrasodium EDTA	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)	No data available

Acute dermal toxicity LD₅₀: No known significant effects or critical hazards.

Acute oral toxicity LD₅₀: No known significant effects or critical hazards.

Acute inhalation toxicity LC₅₀: No known significant effects or critical hazards.

Skin corrosion / irritation: Irritant

Serious eye damage / irritation: Irritant

Respiratory or skin sensitization: No known significant effects or critical hazards.

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

IARC: No listed substance

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Reproductive toxicity: No known significant effects or critical hazards.

Specific Target Organ Toxicity - single exposure: No known significant effects or critical hazards.

Specific Target Organ Toxicity - repeated exposure:

Components:

Tetrasodium EDTA:

Exposure routes: Inhalation

Assessment: May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicological information: Not Established

Aquatic toxicity, both acute and chronic: Not Established

Environmental data: Not Established

13. DISPOSAL CONSIDERATIONS

Disposal methods: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts (less than 1 gallon) may be diluted with copious amounts of water and disposed of into sanitary sewer.

For large spills: Consult with local and state authorities for large volume disposal.

Empty container: Rinse container with clear water. Offer container for recycling, or dispose of in trash.

14. TRANSPORT INFORMATION

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not regulated.

ICAO - air

UN proper shipping name: Contact manufacturer for more information.

IMDG - sea

UN proper shipping name: Contact manufacturer for more information.

15. REGULATORY INFORMATION

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Health - Acute

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EPCRA Section 313 Toxic Chemicals

CHEMICAL NAME	% W/W	CAS NO.	COMMENTS
Butoxydiglycol	5 - 10	112-34-5	N230 Certain Glycol Ethers

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: NA = Not Applicable

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: No listed substance

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All ingredients are listed on the TSCA Chemical Inventory.

States with special requirements

CHEMICAL NAME	REQUIREMENTS
Sodium Dodecylbenzenesulfonate	New Jersey Right To Know Substance Pennsylvania Right to Know Substance New York Right to Know Substance
Sodium Metasilicate	Pennsylvania Right to Know Substance New Jersey Right To Know Substance

California Proposition 65: No listed substance

Carcinogen: No listed substance

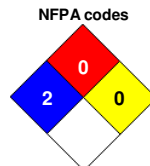
16. OTHER INFORMATION

Prepared by: Regulatory Affairs Department

Date Prepared: 06/20/2024

HMIS rating

Health	2
Flammability	0
Physical hazard	0
Personal protection	D



Manufacturer disclaimer: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.