Safety Data Sheet

SECTION 1: Product and company identification

Product name	Team 183 (BioKill 100)	
Use of the substance/mixture	Algicide	
Product code	0630	
Company	Team Laboratory Chemical Corporation PO Box 1467 Detroit Lakes, MN 56502-1467 - USA T (800) 522-8326	
Emergency number	Infotrac: 1-352-323-3500 (International) 1-800-535-5053 (Nort	h America)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethyl enedichloride]	(CAS No) 31512-74-0	7.0-13.0	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2B, H320

SECTION 4: First aid measures 4.1. Description of first aid measures : If you feel unwell, seek medical advice (show the label where possible). First-aid measures general First-aid measures after inhalation : Remove the victim into fresh air. First-aid measures after skin contact · Rinse skin with water/shower. First-aid measures after eye contact Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. First-aid measures after ingestion : Rinse mouth with water. Do NOT induce vomiting. Most important symptoms and effects, both acute and delayed 4.2. Symptoms/injuries Not expected to present a significant hazard under anticipated conditions of normal use. : Symptoms/injuries after inhalation None under normal use. : Symptoms/injuries after skin contact Contact during a long period may cause light irritation. : Symptoms/injuries after eye contact Direct contact with the eyes is likely irritating. : Symptoms/injuries after ingestion Gastrointestinal complaints. ÷

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

No additional information available

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Reactivity	: Upon combustion: CO and CO2 are formed.
5.3. Advice for firefighters	
Firefighting instructions	: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed
	containers. Take account of environmentally hazardous firefighting water.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental rele	ease measures
	ctive equipment and emergency procedures
General measures	: Isolate from fire, if possible, without unnecessary risk.
6.1.1. For non-emergency person	nel
Protective equipment	: Protective goggles. Gloves. Protective clothing.
Emergency procedures	: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Stop leak if safe to do so. Stop release. Ventilate area.
6.2. Environmental precautions	
	revent entry to sewers and public waters.
6.3. Methods and material for co	ontainment and cleaning up
For containment	: Contain released substance, pump into suitable containers.
Methods for cleaning up	: This material and its container must be disposed of in a safe way, and as per local legislation.
6.4. Reference to other sections	
No additional information available	
SECTION 7: Handling and s	storage
7.1. Precautions for safe handlin	ng
Precautions for safe handling	: Comply with the legal requirements. Do not handle until all safety precautions have been read and
	understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene measures	: Wash thoroughly after handling. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage,	
Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep container closed when not in use.
Incompatible products	: Oxidizing agent.
Storage area	: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
Special rules on packaging	: meet the legal requirements.

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment

Gloves. Protective clothing. Safety glasses. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties : Liquid

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Appearance	: Clear, light yellow liquid.
Odor	: Mild odor
Odor threshold	: No data available
рН	: 5-7
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 200 °F Closed Cup
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.02 g/ml
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
VOC content	: 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO2 are formed.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

: Not classified

Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylenedichloride] (31512-74-0)	
LD50 oral rat	1951 mg/kg Male
LD50 dermal rabbit	> 2000 mg/kg
Skin corrosion/irritation	: Not classified
	pH: 5 - 7
Serious eye damage/irritation	: Not classified
	pH: 5 - 7

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Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified
Symptoms/injuries after inhalation	None under normal use.
Symptoms/injuries after skin contact	Contact during a long period may cause light irritation.
Symptoms/injuries after eye contact	Direct contact with the eyes is likely irritating.
Symptoms/injuries after ingestion	Gastrointestinal complaints.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT :	Not regulated for transport
Additional information	
Other information	: No supplementary information available.
ADR	

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION. Harmful if swallowed. Avoid breathing vapors. Do not get in eyes or on skin or clothing. Wash hands thoroughly with plenty of soap and water after use. Avoid contamination of food.

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SECTION 16: Other information

Training advice

: Normal use of this product shall imply use in accordance with the instructions on the packaging.

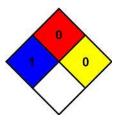
Full text of H-phrases:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
H302	Harmful if swallowed
H320	Causes eye irritation
H332	Harmful if inhaled

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.