

SECTION 1: IDENTIFICATION

PRODUCT NAME: EasyKlear[™] Defense[®] 2 in 1 Granular Algae & Aquatic Weed Control
PRODUCT TYPE: Granular Aquatic Algicide and Herbicide
EPA REG. NUMBER: 70506-174-83742
MANUFACTURER: Airmax[®] Inc. : 15425 Chets Way, Armada, MI 48005

Date: 03-07-2022

Recommended use of the chemical and restrictions on use

Recommended use Aquatic. Algicide - Herbicide
Uses advised against Activities contrary to label recommendation

MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION:

COMPANY NAME: Airmax[®], Inc.
COMPANY ADDRESS: 15425 Chets Way,
Armada, Michigan 48005
COMPANY TELEPHONE: Office hours (Mon - Fri)
9:00 am to 5:00 pm
(866) 424-7629
COMPANY CONTACT NAME: Main Office
EMERGENCY PHONE NUMBER: Poison Control 800-222-1222

SECTION 2: HAZARD(S) IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
-----------------------	------------

Label elements

EMERGENCY OVERVIEW

WARNING		
Hazard Statements HARMFUL IF SWALLOWED		
		
Appearance grey brown	Physical state solid	Odor Solvent-like

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Mono(N,N-dimethylalkylamine)salt of endothall	66330-88-9	11

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

FIRST AID MEASURES

Eye contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
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. Seek immediate medical attention/advice. Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use.
Inhalation	If breathing is irregular or stopped, administer artificial respiration. MAY CAUSE ALLERGIC RESPIRATORY REACTION. Call a poison control center or doctor for further treatment advice. Move to fresh air. Call a physician or poison control center immediately. Artificial respiration and/or oxygen may be necessary.
Ingestion	Call a physician or poison control center immediately. May produce an allergic reaction. Clean mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice. Do not induce vomiting without medical advice.

Most Important Symptoms and Effects, Both Acute and Delayed

Most Important Symptoms and Effects Burning feeling and temporary redness

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician No information available. Treat symptomatically.

SECTION 5: FIRE-FIGHTING PROCEDURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environmental

Unsuitable extinguishing media no data available.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Extreme temperatures convert Endothall product to endothall anhydride which is a strong vesicant causing blistering of eyes, mucous membranes and skin.

Explosion data

Protective equipment and precautions for firefighters

Use personal protective equipment. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal Precautions Avoid contact with skin, eyes and clothing. Wear protective gloves/protective clothing and eye/face protection.

Environmental Precautions

Environmental Precautions Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

Methods for Clean-Up Sweep up and shovel into suitable containers for disposal. Keep in suitable and close containers for disposal. Shovel or sweep up.

SECTION 7: HANDLING AND STORAGE**Precautions for safe handling**

Handling Avoid dust formation. Avoid breathing dust. Keep out of reach of children. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Empty containers may contain hazardous residues.

Conditions for safe storage, including any incompatibilities

Storage Store in an area where cross-contamination with pesticides, fertilizers, food or feed could not occur. Keep tightly closed in a dry and cool place. Keep in properly labelled containers. Keep containers tightly closed in a cool, well-ventilated place.

incompatible materials No information available.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering controls Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Personal protective equipment**Eye/Face Protection**

Goggles.

Skin Protection

Rubber gloves. Wear protective gloves/clothing.

Respiratory Protection

Where airborne exposure is likely use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State solid
Appearance grey brown
Color No information available

Odor Solvent-like

Remarks/ •Method

Property Values
pH 4.6
Melting point/freezing point 5.6 °C / 42 °F
Boiling Point/Range No information available
Flash Point No information available
Evaporation Rate No information available
Flammability (solid, gas) No information available
Flammability limit in air
Upper Flammability Limit No information available
Lower Flammability Limit No information available
Vapor Pressure 2.09 X 10⁻⁵ mmHg @25 C(Endothal salt)

Vapor Density No information available
Specific Gravity No information available
Water solubility No information available
Solubility in Other Solvents No information available
Partition coefficient: n-octanol/water No information available
Autoignition temperature no data available
Decomposition temperature No information available
Viscosity, kinematic No information available
Dynamic viscosity No information available
Explosive properties No information available
Oxidizing properties No information available

OTHER INFORMATION

Softening point No information available
molecular weight No information available
VOC Content No information available
Liquid Density No information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Avoid dust formation. Not known.

Incompatible materials

No information available.

Hazardous decomposition products

Extreme temperatures may convert endothal product to endothal anhydride, a strong vesicant, causing blistering of eyes, mucous membranes and skin.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product information	Single exposure studies indicate: Oral - Slightly toxic to rats (LD50 1,540 mg/kg) Dermal - Practically non-toxic to rabbits (LD50 > 10,000 mg/kg) Inhalation - Practically non-toxic to rats (4 hr LC50 5.32 mg/l) Skin irritation - Severely irritating Eye irritation - Severely irritating Endothall Intentionally swallowing of 40 ml led to death within 12 hours. Skin allergy was observed in guinea pigs following repeated exposure. Repeated dietary administration (Via gelatin capsules) produced vomiting, diarrhea, sluggish movements, and liver, kidney and blood effects in dogs. Long-term dietary administration to rats and mice produced effects in the glandular stomach. High mortality rates and intestinal tumors considered to be secondary to the effects in the stomach were observed in mice. Long-term application to the skin of mice produced no tumors. No birth defects were observed in the offspring of rats exposed orally during pregnancy, even at dosages that produced adverse effects on the mothers. Skelatal abnormalities were observed in the offspring of rabbits and mice exposed during pregnancy, but only at dosages that produced adverse effects in the mothers. No genetic changes were observed in tests using bacteria, animal cells or animals.
Inhalation	May cause irritation of respiratory tract.
Eye Contact	May cause irreversible damage to eyes.
Skin Contact	Irritating to skin.
Ingestion	HARMFUL IF SWALLOWED.

Information on Toxicological Effects

Symptoms No Information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available
Mutagenic effects	No data available
Carcinogenicity	There are no known carcinogenic chemicals in this product.
Reproductive effects	Not Available
STOT - Single Exposure	no data available
STOT - Repeated Exposure	no data available
Aspiration hazard	No information available

Numerical Measures of Toxicity - Product information

LD50 Oral	1540 mg/kg (rat)
LD50 Dermal	> 10000 mg/kg (rat)
LC50 Inhalation	LC50/inhalation/4h/rat = 5.32 mg/l

SECTION 12: ECOLOGICAL INFORMATION**ecotoxicity**

Endothall mono amine salt:
 Acute contact toxicity Honey Bee
 Practically non toxic
 Acute Toxicity Avain
 Northern Bobwhite Quail LD50
 736 mg/kg
 Acute Toxicity Freshwater Fish EC50
 Bluegill sunfish 0.94 ppm
 Rainbow trout 0.56 ppm
 Cutthroat trout 0.18 ppm
 Channel catfish 0.49 ppm
 Acute Toxicity Freshwater Invertebrates EC50
 Daphnia magna 0.36 (48 hr)
 Grasshrimp 0.05 (96 hr)
 Scud 2.0 ppm (48 hr)
 Acute Toxicity Marine Invertebrates (flow thru) EC50 Mysid shrimp 2.2 ppm (96 hr)
 Acute Toxicity Marine Fish (Flow thru) EC50
 Sheepshead minnow 3.5 ppm (96 hr)

Persistence/Degradability

no data available.

Bioaccumulation/Accumulation

No information available

Other Adverse Effects

no data available

SECTION 13: DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Waste Disposal Method**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Contaminated packaging

Refer to product label.

SECTION 14: TRANSPORTATION INFORMATION

DOT NOT REGULATED

TDG NOT REGULATED

IATA NOT REGULATED

IMDG NOT REGULATED

SECTION 15: REGULATORY INFORMATION

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal word	DANGER
Ventilation Control	PESTICIDE APPLICATORS & WORKERS THESE WORKERS MUST REFER TO PRODUCT LABELING AND DIRECTIONS FOR USE IN ACCORDANCE WITH EPA WORKER PROTECTION STANDARD 40 CFR PART 170.

Keep out of Reach of Children. Causes irreversible eye damage. May be fatal if swallowed. Toxic to fish and aquatic invertebrates.

International Inventories

USINV	Not present
DSL/NDSL	Not present
EINECS/ELINCS	Not present
ENCS	Not present
China	Not present
KECL	Not present
PICCS	Not present
AICS	Not present
TSCA	Not present

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CERCLA

Not Applicable

CERCLA

SARA Product RQ 0

RCRA

Pesticide Information

State Regulations

State Right-to-Know

Not applicable

International regulations

U.S. EPA Label information

EPA Pesticide registration number 70506-174-83742

SECTION 16: OTHER INFORMATION

NFPA
HEALTH 3
FLAMMABILITY 0
INSTABILITY 0
PHYSICAL HAZARD -

Preparation Date 28-Apr-2015
Revision date 31-Dec-2018

Revision Summary

Update logo Update section 1 Update Section 16***

Disclaimer

Airmax, Inc. believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be valid where such product is used in combination with other materials or in any process. Further, since the conditions and methods of use are beyond the control of Airmax, Inc. and Airmax, Inc. expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

End of SDS