Airmax® Inc.
15425 Chets Way, Armada, MI 48005
Phone: 866-424-7629
www.airmaxeco.com

Date: 08-10-2015

SECTION 1: IDENTIFICATION

Product identifier: OdorCide®
Synonyms: None known
Product Code Number: OC018
SDS number: AM001
Recommended use: This is a concentrate. After proper dilution use as a Carpet and Upholstery Cleaner – Non-Aerosol (Dilutable)
Recommended restrictions: None known

Manufacturer/Importer/Supplier/Distributor information:

Company Name: Airmax Inc.
Company Address: P.O. Box 38,
Romeo, Michigan 48065.
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

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

Physical hazards
No physical hazards for this product

Health hazards
Serious eye damage/irritation, Category 2A

Environmental hazards
No environmental hazards for this product

GHS Signal word: WARNING

GHS Hazard statement(s): Causes serious eye irritation

GHS Hazard symbol(s):

GHS Precautionary statement(s):

Prevention:
Wash hands thoroughly after handling.
Wear eye protection/ face protection.

Response:
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Storage:
No storage precautionary statements required.

Disposal:
No disposal precautionary statements required.

Hazard(s) not otherwise
Classified (HNOC): None known

Percentage of ingredient(s) of unknown acute toxicity:
Not applicable

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance:

Name	CAS #	% BY WEIGHT	TRADE SECRET
1,2-Benzisothiazolin-3-one	2634-33-5	0.15 – 0.35	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

SECTION 4: FIRST-AID MEASURES

Description of necessary measures:

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

Skin contact: Immediately wash skin with soap and water. If irritation persists get medical attention.

Eye contact: Immediately flush eyes with lots of running water for 15 minutes, if irritation persists get immediate medical attention.

Ingestion: If conscious, immediately induce vomiting by giving 2 glasses of water and sticking a finger down the throat. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person. Keep the victim's head below his hips while vomiting so he does no breathe the vomitus into his lungs.

Most important symptoms/effects, acute and delayed: May be harmful by inhalation, ingestion, or skin absorption. Direct mist is irritating to the eyes, mucous membranes and upper respiratory tract. Prolonged contact can cause skin irritation.

Indication of immediate medical attention and special treatment needed: If any symptoms are observed, contact a physician and give them this SDS sheet.

SECTION 5: FIRE-FIGHTING PROCEDURES

Suitable extinguishing media: Use Dry Chemical, CO2 or Alcohol Foam.
Unsuitable extinguishing media: Do not use water jet.

Specific hazards arising from the chemical: Emits toxic fumes under fire conditions. Combustion products – Carbon monoxide or carbon dioxide

Special protective equipment and precautions for fire-fighters: Full protective clothing and NIOSH-approved self-contained breathing apparatus should be worn. Use water to cool exposed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of mists. Wear appropriate protective equipment, such as respirator with proper particulate filters, gloves, goggles and protective clothing, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

Environmental Precautions: Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. If spill occurs on water notify appropriate authorities and advise shipping of any hazard.

Methods and material for containment and cleaning up: Information provided here is in the event of a major spill of 55 gallons or more. Wear protective equipment including rubber boots, rubber gloves, rubber apron, and a self-contained breathing apparatus in the pressure demand mode or a supplied-air respirator. If the spill or leak is small, a full-face piece air-purifying cartridge respirator equipped for organic vapors may be satisfactory. In any event, always wear eye protection.

For small spills or drips, mop or wipe up and dispose of in DOT-approved waste containers. For large spills, contain by diking with soil or other non-combustible absorbent materials, and then pump into DOT-approved waste containers, or absorb with non-combustible sorbent material, place residue in DOT-approved waste containers. Keep out of storm drains, surface waters, and soil.

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SECTION 7: HANDLING AND STORAGE

P**recautions for safe handling:** Use in a well-ventilated area. Avoid inhalation, and contact of mists or liquid with eyes, skin, and clothing. Avoid repeated or prolonged exposure. Use good personal hygiene practices and wear appropriate personal protective equipment (see section 8).

Conditions for safe storage, including any incompatibles: Keep container tightly closed. Keep away from heat, open flame, and strong oxidizing agents. Maintain good housekeeping. Keep out of direct sunlight and in cool dry place. Store below 110oF (38oC) and above 32oF (0oC).

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters:
Occupational exposure limits:

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):
Permissible Exposure Limits

Substance	**PEL-TWA (8 hour)**	**PEL-STEL (15 min)**
Hexylene Glycol	No data available	No data available
Isopropyl Alcohol 99% Anhydrous	400 ppm | 980 mg/m3	No data available
Nonylphenol, ethoxylated	No data available	No data available

US ACGIH Threshold Limit Values

Substance	**TLV-TWA (8 hour)**	**TLV-STEL(15 min)**
Hexylene Glycol	25 ppm Ceiling	No data available
Isopropyl Alcohol 99% Anhydrous	200 ppm	400 ppm
Nonylphenol, ethoxylated	No data available	No data available

NIOSH Exposure Limits

Substance	**TWA**	**STEL**
Hexylene Glycol	25 ppm | 125 mg/m3 Ceiling	No data available
Isopropyl Alcohol 99% Anhydrous	400 ppm | 980 mg/m3	500 ppm | 1225 mg/m3
Nonylphenol, ethoxylated	No data available	No data available

Appropriate engineering controls: General room ventilation should be adequate. Use sufficient natural or mechanical ventilation to keep mist level below the PEL where available.

Individual protection measures, such as personal protective equipment:

Eye/face protection: For most conditions none required; however if conditions of use are extreme and condition warrants wear goggles. It is general recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury. Eye protection should be compliant with OSHA regulations.

Skin and hand protection: None required in normal use conditions; however if conditions of use warrant protection wear long sleeved shirt, trousers, safety shoes, and gloves.

Respiratory protection: None required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate, use type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Other: Have an eye wash facility available. Wash hands after handling, as well as any other affected skin areas. Avoid contact with food or food preparatory surfaces. If this occurs wash the area thoroughly with suitable detergent and water.

Thermal hazards: No data available.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state:	Liquid
Color:	Clear
Odor:	Fresh Clean Scent
Odor threshold:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	242oF
Flash point:	> 240oF
Evaporation rate:	No data available
Flammability (solid, gas):	Non-flammable
Upper/lower flammability or explosive limits	
Flammability limit – lower %):	Not applicable
Flammability limit – upper (%):	Not applicable
Explosive limit – lower (%):	Not applicable
Explosive limit – upper (%):	Not applicable
Vapor pressure:	No data available
Vapor density:	No data available
Relative density (Specific gravity):	No data available
Solubility (ies):	99%
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Other information:	
Molecular weight	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not chemically reactive.
Chemical stability:	Stable under normal ambient and anticipated conditions of use.
Possibility of hazardous reactions:	Not known.
Conditions to avoid:	Heat, sparks, and open flames.
Incompatible materials:	Acids and oxidizing materials.
Hazardous decomposition Products:	May liberate carbon monoxide or carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation:	Excessive inhalation of high concentrations may cause headaches, vomiting, and coma.
Ingestion:	Swallowing large quantities causes headaches, nausea, vomiting, stomach cramps and diarrhea, in extreme cases perhaps unconsciousness.
Skin:	Prolonged or repeated contact may irritate the skin.
Eyes:	Liquid or mist directly in eyes will irritate the eyes.

Symptoms related to the physical, chemical, and toxicological characteristics:
May be harmful by inhalation, ingestion, or skin absorption. Direct mist is irritating to the eyes, mucous membranes and upper respiratory tract. Prolonged contact can cause skin irritation.

Delayed and immediate effects and chronic effects from short or long-term exposure:
Prolonged or repeated exposure to high concentrations can produce sever or fatal CNS Depression.

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Numerical measures of toxicity:
Ingredient Information:

Substance	Test Type (species)	Value
Hexylene Glycol	LD50 Oral (Rat)	3700 mg/kg
	LD50 Dermal (Rabbit)	7892 mg/kg
	LC50 Inhalation (Rat)	No data available
Isopropyl Alcohol 99% Anhydrous	LD50 Oral (Rat)	5045 mg/kg
	LD50 Dermal (Rabbit)	12800 mg/kg
	LC50 Inhalation (Rat)	16000 ppm (8h)
Nonylphenol, ethoxylated	LD50 Oral (Rat)	960 - 3980 mg/kg
	LD50 Dermal (Rabbit)	2000 - 2991 mg/kg
	LC50 Inhalation (Rat)	1.15 mg/l (4h)

Skin corrosion/irritation: Prolonged or repeated contact may irritate the skin.

Serious eye damage/eye irritation: Liquid or mist directly in eyes will irritate the eyes.

Respiratory sensitization: No information available on the mixture, however none of the components have been classified as a respiratory sensitizer (or are below the concentration threshold for classification).

Skin sensitization: No information available on the mixture, however none of the components have been classified as a skin sensitizer (or are below the concentration threshold for classification).

Germ cell mutagenicity: No information available on the mixture, however none of the components have been classified for germ cell mutagenicity (or are below the concentration threshold for classification).

Carcinogenicity: No information available on the mixture, however none of the components are listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA.

Reproductive toxicity: No information available on the mixture, however none of the components have been classified for reproductive toxicity (or are below the concentration threshold for classification).

Specific target organ toxicity-Single exposure: No information available on the mixture, however none of the components have been classified for STOT SE (or are below the concentration threshold for classification).

Specific target organ toxicity-Repeat exposure: No information available on the mixture, however none of the components have been classified for STOT RE (or are below the concentration threshold for classification).

Aspiration hazard: No information available on the mixture, however none of the components have been classified for aspiration hazard (or are below the concentration threshold for classification).

Further information: No data available.

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Product data: None available
Ingredient Information:

Substance	Test Type	Species	Value
Hexylene Glycol	LC50	Fish - Pimephales promelas (fathead minnow)	10700 mg/l (96h)
	EC50	Aquatic Invertebrates -Daphnia magna (Water flea)	3200 mg/l (48h)
	EC/LC50	Algae	No data available
Isopropyl Alcohol 99% Anhydrous	LC50	Fish - Pimephales promelas (fathead minnow)	9640 mg/l (96h)
	LC50	Aquatic Invertebrates - Daphnia magna (Water flea)	5102 mg/l (24h)
	EC/LC50	Algae - Desmodesmus subspicatus (green algae)	> 2000 mg/l (72h)
Nonylphenol, ethoxylated	LC50	Fish - Pimephales promelas (fathead minnow)	3.8 – 6.2 mg/l (96h)
	LC50	Aquatic Invertebrates - Daphnia magna (Water flea)	9.3 – 21.4 mg/l (48h)
	/LC50	Bacteria	> 1000 mg/l (16h)

Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate method of disposal of substance or preparation
Dispose of contaminate product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures.
Empty containers can have residues, gases and mists and are subject to proper waste disposal, as above.

SECTION 14: TRANSPORTATION INFORMATION

US Department of Transportation Classification (49CFR)
Not regulated under DOT

IMDG
Not regulated under IMDG

IATA (Country variations may apply)
Not regulated under IATA

Environmental hazards
Marine pollutant: No.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)
No further relevant information available.

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.
No data available

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SECTION 15: REGULATORY INFORMATION

USA:
United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All substances in this product are listed, as required, or are exempt from the TSCA inventory.

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
Section 302 – No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substance List, 40 CFR 302.4: This product does not contain chemicals listed on CERCLA.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None

SARA Title III
Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None

Section 311/312 (40 CFR 370):

Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Pressure Hazard: No
Reactivity Hazard: No

Section 313 Toxic Release Inventory (40 CFR 372): None

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986: No components are listed on Prop 65.

Massachusetts Right to Know: Hexylene Glycol (2-Methylpentane-2,4-diol), Isopropyl Alcohol (2-Propanol) and Nonylphenol, ethoxylated are listed on the Massachusetts Right to Know List.

New Jersey Right to Know: Hexylene Glycol (2-Methylpentane-2,4-diol), Isopropyl Alcohol (2-Propanol) and Nonylphenol, ethoxylated are listed on the New Jersey Right to Know list.

Pennsylvania Right to Know: Hexylene Glycol (2-Methylpentane-2,4-diol), Isopropyl Alcohol (2-Propanol) and Nonylphenol, ethoxylated listed on the Pennsylvania Right to Know List.

Canada WHMIS Hazard Class: D2B – Toxic Material

SECTION 16: OTHER INFORMATION

Revision Date: July 25, 2015

Although the information and recommendations set forth in this sheet are believed to be correct as of the date hereof, Airmax®Inc. makes no representation as to the completeness or accuracy of such information and recommendations. Airmax® Inc. shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance up such information and recommendations. You are encouraged to advise anyone working with or exposed to such products of the information contained herein. No warranty, either express or implied, of merchantability or fitness or of any other nature with respect to the product or to the information and recommendations herein made hereunder.