

Safety Data Sheet

Issue date 15-Nov-2016

Version 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name AirX 89+ Foaming Germicidal Cleaner & Odor Counteractant
Chemical name 7-7787-3

Other means of identification

Product code FG 437-3457-0707
Synonyms Disinfectant and cleaner
Registration number(s) 498-62-44089

Recommended use of the chemical and restrictions on use

Recommended Use To clean and deodorize all hard, nonporous washable household surfaces such as bathtubs, sinks, toilet bowl seats, etc.
Uses advised against Do not use as a glass cleaner.

Details of the supplier of the safety data sheet

Supplier Address
AIRX LABORATORIES
P.O. Box 37
Folcroft, PA 19032
610-534-8900

Emergency Telephone Number

Company Phone Number 610-534-8900
24 Hour Emergency Phone Number 1-800-255-3824

2. Hazards Identification

Classification

Gases Under Pressure	liquefied gas
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Label Elements

EMERGENCY OVERVIEW

Warning

Contains gas under pressure; may explode if heated



The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance White foam

Physical State Aerosol

Odor Lemon

Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place

Hazards not otherwise classified (HNOC)

Other Information

- Causes mild skin irritation
- 4.17% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Synonyms Disinfectant and cleaner.
Chemical Family MIXTURES.
Formula 7-7787-3
Chemical nature Aqueous solution of active ingredients, surfactants and cleaners.

Chemical name	CAS No	weight-%	Trade secret
Water	7732-18-5	85-90	*
N-Butane	106-97-8	1-5	*
Trisodium Phosphate Crystals	10101-89-0	1-5	*
2-Butoxyethanol	111-76-2	1-5	*
Propane	74-98-6	1-5	*

Chemical Additions **See label for active ingredients information.**

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

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 the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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.

Inhalation If overcome by vapor, move person to fresh air.

Ingestion Ingestion from an aerosol product is unlikely to occur.

Most important symptoms and effects, both acute and delayed

Symptoms Irritating to the eyes on contact. May cause stinging, redness and swelling of the eyes. May cause mild irritation. Prolonged and repeated contact may cause redness, burning, drying and cracking of the skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may result on skin absorption of potentially harmful amounts.

Indication of any immediate medical attention and special treatment needed

Note to physicians None needed.

5. Fire-fighting measures

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media Use water spray or fog; do not use straight streams.

Specific hazards arising from the chemical

Containers are under pressure. Temperatures above 130 °F may cause cans to burst.

Hazardous combustion products Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

Explosion data

Sensitivity to Mechanical Impact Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Protective equipment and precautions for firefighters

Use personal protective equipment as required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions CONTENTS UNDER PRESSURE. Do not puncture or incinerate cans.

Other Information Keep out of reach of children.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Methods for cleaning up Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Avoid prolonged contact with the skin. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry place away from heat and open flame. Avoid storing at below-freezing temperatures. **AEROSOL STORAGE LEVEL I (NFPA-30B)** .

Incompatible Materials Avoid heat, open flame and contact with strong oxidizers.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
N-Butane 106-97-8	STEL: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³

Appropriate engineering controls

Engineering controls Use with adequate general or local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face Protection Conventional eyeglasses to guard against splashing.

Skin and Body Protection Household type gloves.

Respiratory protection Use in a well-ventilated area ONLY. None required if used in a well-ventilated area. Follow label directions for correct use of the product..

General hygiene considerations Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<p>Physical State Appearance Color</p>	<p>Aerosol White foam White</p>	<p>Odor Odor threshold</p>	<p>Lemon No information available</p>
<p>Property pH Melting point/freezing point Boiling point/boiling range Flash Point</p>	<p>Values 10.66 to 11.66 NA 212 °F/100 °C Not Available. This is an aerosol product for which Flame Projection is 0 inches. Temperatures above 120 F may cause cans to burst. Faster than butyl acetate</p>	<p>Remarks • Method No information available No information available No information available No information available</p>	
<p>Evaporation Rate Flammability (solid, gas) Flammability Limits in Air Upper flammability limits Lower Flammability Limit Vapor pressure Vapor Density Relative Density Water solubility Solubility in other solvents Partition coefficient Autoignition Temperature Decomposition temperature Kinematic viscosity Dynamic viscosity Explosive properties Oxidizing properties</p>	<p>Not available Not available Not available</p>	<p>No information available No information available No information available</p>	
<p>Other Information Softening point Molecular weight VOC content (%) Density Bulk Density</p>	<p>1.005 +/- 0.005 concentrate completely soluble</p> <p>No information available No information available</p> <p>No information available No information available No information available No information available No information available No information available No information available No information available No information available No information available</p> <p>No information available No information available</p> <p>No information available No information available 6.92% No information available 8.37 Lb/gal</p>		

10. Stability and Reactivity

Reactivity
Not applicable No data available

Chemical stability

Stable.

Possibility of hazardous reactions

Temperatures above 130 °F may cause cans to burst with force.

hazardous polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Temperatures above 122 °F (50 °C).

Incompatible Materials

Avoid heat, open flame and contact with strong oxidizers.

Hazardous decomposition products

Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

11. Toxicological Information

Information on likely routes of exposure

Product Information This product has not been tested as whole. See below for information on ingredients.

Inhalation See data below.

Eye Contact No data available.

Skin contact No data available.

Ingestion This is an aerosol product, ingestion is unlikely to occur. MAY BE HARMFUL IF SWALLOWED.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
N-Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Trisodium Phosphate Crystals 10101-89-0	= 7400 mg/kg (Rat)	-	-
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h
Propane 74-98-6	-	-	= 658 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms See information above.

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

Skin corrosion/irritation May cause skin irritation after contact with skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may results on skin absorption of potentially harmful amounts.

sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Not known chronic effects based on available data. None of the ingredients present in excess of 0.1% are listed as carcinogenic by NTP, IARC or OSHA.

Chemical name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group 3		

Reproductive toxicity No information available.

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STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity 4.17% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	17518 mg/kg
ATEmix (dermal)	44000 mg/kg
ATEmix (inhalation-gas)	27894 mg/l
ATEmix (inhalation-dust/mist)	60 mg/l
ATEmix (inhalation-vapor)	8595 mg/l

12. Ecological Information

ecotoxicity

11.05% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
2-Butoxyethanol 111-76-2		2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

See information below.

Chemical name	Partition coefficient
N-Butane 106-97-8	2.89
2-Butoxyethanol 111-76-2	0.81
Propane 74-98-6	2.3

Other adverse effects No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastes Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

Contaminated packaging Pressurized container: Do not pierce or burn, even after use.

14. Transport Information

DOT

UN/ID no	Limited Quantity
Proper Shipping Name	Consumer Commodity
Hazard Class	ORM-D

15. Regulatory information

International Inventories

TSCA

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

DSL

All ingredients are listed or are excluded from listing on the DSL.

Legend:

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

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

US Federal Regulations

SARA 313

This product contains the following toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

Chemical name	CAS No	weight-%	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	111-76-2	1-5	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Trisodium Phosphate Crystals 10101-89-0				X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Trisodium Phosphate Crystals 10101-89-0	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania

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Water 7732-18-5			X
N-Butane 106-97-8	X	X	X
Trisodium Phosphate Crystals 10101-89-0		X	X
2-Butoxyethanol 111-76-2	X	X	X
Propane 74-98-6	X	X	X

U.S. EPA Label information

EPA Pesticide registration number 498-62-44089

EPA Statement

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: CAUTION: Do not spray in eyes. In case of eye contact, flush thoroughly with water. If irritation persists, get medical attention. Avoid spraying on food.

16. Other information

NFPA	Health Hazards 1	Flammability 1	Instability 1	Physical and chemical properties Not applicable
HMIS	Health Hazards 1	Flammability 2	Physical hazards 1	Personal Protection B - Eyes and hands protection

Prepared by Regulatory Department
Issue date 15-Nov-2016
Revision note
 Not applicable

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet