

SDS

Safety Data Sheet

ZynSonic - Disinfectant Foam Cleaner

STOCK NO: ZYN-0011

Revision Date: 12/1/2015

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer/Supplier

Apex International Group, Inc
P.O. Box 14607
North Palm Beach, FL 33408

Phone: 561-656-0850 Emergency Phone: ChemTrec 24 hr: 1-800-424-9300 International: 1 (703) 527-3887 (collect calls accepted)

Product Name: ZynSonic Disinfectant Foam Cleaner
Revision Date: 12/1/2015
Version: NEW
SDS Number: 3070
Common Name: Aerosol Foaming Disinfectant
EPA Number: 47371-89-11623
Product Use: Aerosol Foaming Disinfectant

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HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Ingestion - Unlikely Inhalation -Yes Skin - Yes

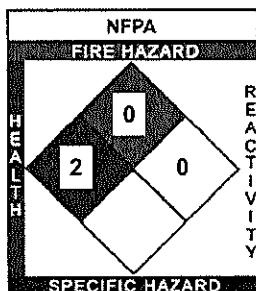
Inhalation: May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness.

Skin Contact: May cause irritation.

Eye Contact: May cause irritation.

Ingestion: Not a normal route of exposure.

NFPA: Health = 2, Fire = 0, Reactivity = 0
HMIS III: H2/F0/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Health, Acute toxicity, 5 Oral
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Carcinogenicity, 1
Environmental, Hazards to the aquatic environment - Acute, 2
Physical, Gases Under Pressure, Liquefied Gas

GHS Phrases:

H303 - May be harmful if swallowed
H316 - Causes mild skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H350 - May cause cancer
H401 - Toxic to aquatic life
H280 - Contains gas under pressure; may explode if heated

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P251 - Pressurized container: Do not pierce or burn, even after use.
P262 - Do not get in eyes, on skin, or on clothing.
P273 - Avoid release to the environment.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P338 - Remove contact lenses if present and easy to do. Continue rinsing.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
68476-86-8	1-5%	Propane/ Isobutane
68391-01-5	<0.1%	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides
68956-79-6	<0.1%	Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides

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4 FIRST AID MEASURES

- Inhalation:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
- Skin Contact:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
- Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

5 FIRE FIGHTING MEASURES

- Flammability:** Non-flammable
- Flash Point:** >200F (concentrate)
- Flash Point Method:** TCC
- Autoignition Temp:** Not established
- LEL:** Not established
- UEL:** Not established

Means of Extinction:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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HANDLING AND STORAGE

Handling Precautions: HARMFUL IF INHALED OR SWALLOWED. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Storage Requirements: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.
Store in accordance with NFPA 30B for LEVEL 1 AEROSOL.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures below recommended exposure limits.

Personal Protective Equip: Eyes Protection: Wear eye/face protection.
Hand Protection: Wear suitable gloves.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Ingredients	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
Propane/ Isobutane	Not Established	1000 ppm	
Quaternary ammonium compounds	Not Established	Not Established	

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear colorless liquid	Odor:	Lemon
Physical State:	Mixture packaged in pressurized aerosol sp	Solubility:	Soluble in water
Spec Grav./Density:	1.00 - 1.02 g/ml	Percent Volatile:	> 99%
Viscosity:	< 5 cSt	Heat Value:	Not Established
Boiling Point:	>200F (concentrate)	Freezing/Melting Pt.:	~ 32F
Flammability:	Non-flammable	Flash Point:	> 200F (concentrate)
Vapor Pressure:	Not established	VOC:	3%
pH:	11.0 - 12.0	Auto-Ignition Temp:	Not established
Evap. Rate:	> 1 (BuAc=1)	UFL/LFL:	Not established
Decomp Temp:	Not established		

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STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames and temperatures above 120°F

Materials to Avoid: Strong oxidizing or reducing agents.

Hazardous Decomposition: CO, CO2, hydrocarbons, hydrogen chloride, amines and other organic materials and oxides of carbon and nitrogen..

Hazardous Polymerization: Will not occur.

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11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin Effects: May cause skin irritation. Handling can cause dry skin.

Accute Inhalation Effects: May cause respiratory tract irritation. This product may be aspirated onto the lungs and cause chemical pneumonitis.

Chronic Effects: Not Hazardous by WHMIS/OSHA criteria.

Carcinogenicity: Not Hazardous by WHMIS/OSHA criteria.

Mutagenicity: Not Hazardous by WHMIS/OSHA criteria.

Teratogenicity: Not Hazardous by WHMIS/OSHA criteria.

12 ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

14 TRANSPORT INFORMATION

DOT Class: Non-Flammable Gas (2.2) #2.2

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, Non-flammable

DOT

UN Number	UN1950
UN proper shipping name	Aerosols, non-flammable
Transport Hazard Class(es)	
Class	2.2
Subsidiary risk	---
Label(s)	2.2
Packing group	Not applicable

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UN Number UN1950
UN proper shipping name Aerosols, non-flammable
Transport Hazard Class(es)
Class 2.2
Subsidiary risk ---
Label(s) 2.2
Packing group Not applicable
Environmental hazards Yes
Other information
Passenger and cargo aircraft Allowed
Cargo aircraft only Allowed

IMDG

UN Number UN1950
UN proper shipping name Aerosols, non-flammable
Transport Hazard Class(es)
Class 2.2
Subsidiary risk ---
Label(s) 2.2
Packing group Not applicable
Environmental hazards Yes

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Propane/ Isobutane (68476868 <5%) TSCA

*Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391015 <0.1%) TSCA

*Quaternary ammonium compounds, C12-18-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (68956796 <0.1%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is known to contain chemical(s) currently listed as carcinogens or reproductive toxins under California Proposition 65.

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OTHER INFORMATION

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.

Author: J. B.

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