

MIAMI PRODUCTS & CHEMICAL CO.

SAFETY DATA SHEET

SDS ID: SQ3
Revision Date: May 27, 2015
Revision No.: 1

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

GHS Product identifier:	Sanygen Foam Out
Other means of identification:	Item codes: S-Q3-005, S-Q3-55
Synonyms:	Anti-foam; De-foamer
Recommended use:	Anti-foam agent for swimming pools and spas/hot tubs.
Restriction on Use:	None known.
Manufacturer:	Address: Miami Products & Chemical Co. 520 Lonoke St. Dayton, OH 45403 Tel: (800) 776-1313 Fax: (937) 253-1559
24 Hour Emergency Telephone Number:	CHEMTREC: (800) 424-9300 within the United States CHEMTREC: (703) 527-3887 if international CHEMTREC Contract No: CCN14419

SECTION 2: HAZARD IDENTIFICATION

OSHA REGULATORY STATUS: This material is NOT considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards not otherwise classified (HNOC) or not covered by GHS: None identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This mixture does NOT contain any hazardous ingredients required to be listed by OSHA regulations.

SECTION 4: FIRST-AID MEASURES

General advice: If in immediate danger, move out of the affected areas. Show this Safety Data Sheet (SDS) to the attending medical personnel and make sure they are aware of the material(s) involved.

Inhalation: Remove person to fresh air. If breathing difficulty or discomfort occurs and persists, seek medical attention.

Skin Contact: Take off contaminated clothing. Wash with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops and persists.

Eye Contact: Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. After the first 5 minutes of flushing remove contact lenses, if present and easy to do, and continue rinsing. If irritation persists, repeat flushing. Seek medical attention.

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Drink water or milk to dilute. If irritation persists, seek medical attention.

Most Important Symptoms and Effects (Both Acute and Delayed): None known.

Medical Conditions Aggravated by Exposure: None known.

Protection of First-Responders: Protect yourself by avoiding contact with this material. Avoid contact with skin and eyes. Do not breathe mist and/or vapors. Do not ingest. Use personal protective equipment (PPE). Refer to Section 8 for specific personal protective equipment recommendations.

Notes to Physician: Treatment is symptomatic and supportive. In the presence of burns, treat as thermal burns after decontamination.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, water fog, carbon dioxide (CO₂), dry chemical, or foam. Use extinguishing media suitable for type of surrounding fire.

Specific hazards arising from the chemical: None known.

Special protective actions for fire-fighters: Keep upwind of the fire. Firefighters should wear protective equipment and NIOSH approved self-contained breathing apparatus (SCBA) with full face piece operated in positive pressure mode in a fire involving this material. Use standard firefighting procedures and consider the hazards of other involved materials. Use water spray to cool exposed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid contact with skin, eyes and clothing and avoid breathing fumes, vapour, mist, or spray. Isolate the spill area and deny entry to any unnecessary and unprotected personnel.

Environmental precautions: While this product is not likely to cause any harm to neither the environment nor aquatic organisms, it is good practice to not discharge into drains, sewers, water courses or onto the ground.

Methods and materials for containment and cleaning up: Contain spilled material if possible. Absorb with materials such as dirt, sand, or sawdust. Collect in a suitable and properly labelled container. Wash the spill site with plenty of water.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Use air conveying/mechanical systems for bulk transfer to storage. Use approved respiratory protection when ventilation systems are not available. Keep material out of lakes, stream, ponds and sewer drains.

Conditions for safe storage: Store this product in a cool, dry, well-ventilated area. Store in original container and keep this container tightly closed at all times when not in use. Store at room temperature and avoid excessive heat.

Incompatibilities/conditions to avoid: Strong oxidizing materials, strong bases, and strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit(s): No exposure limits have been established for the components of this product.

Appropriate engineering controls: Where possible, provide general mechanical and/or local exhaust ventilation to prevent the release of airborne mist or vapors into the work environment.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Appropriate eye and face protection equipment (ANSI Z87 approved) should be selected for the particular use intended for this material. Safety glasses with side shields are recommended.

Skin protection: For operations where hand and skin contact can occur, wear impervious clothing such as an apron, rubber boots, and rubber gloves.

Respiratory protection: None necessary under normal conditions of use.

Thermal hazards: Not applicable.

General hygiene practices: It is important to observe good personal hygiene measures, which should include washing immediately after handling this product and before eating, drinking, smoking, chewing gum, or using the toilet. Routinely wash work clothing to remove any residual contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	White/opaque
Odor	Slight
Odor threshold	No data available
pH	4.2
Melting point/freezing point	No data available

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SAFETY DATA SHEET

SDS ID: SQ3
Revision Date: May 27, 2015
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Initial boiling point and boiling range	100 ° C (212° F)
Flash point	> 100 ° C (212° F)
Evaporation rate	< 1 (Butyl Acetate = 1)
Flammability limit – lower (%)	No data available
Flammability limit – upper (%)	No data available
Explosive limit – lower (%)	No data available
Explosive limit – upper (%)	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative density	1.0 @ 25°C (77° F)
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Under normal handling and storage conditions, this product is not reactive.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: None under normal conditions.

Conditions to avoid: Excessive heat and incompatible materials.

Incompatible materials: Strong oxidizing materials, strong acids and strong bases.

Hazardous decomposition products: Decomposition products can include and are not limited to: oxides of carbon and oxides of silicon.

Hazardous polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA

Information on likely routes of exposure

Ingestion: Not a likely route of exposure in a workplace setting.

Inhalation: Inhalation of mists/vapors are not likely to be irritating to the nose and throat.

Skin contact: Not likely to cause any skin irritation.

Eye contact: May cause mild, temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics: None known.

Germ cell mutagenicity: No data available.

Carcinogenicity

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

OSHA: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: No data available.

Specific target organ toxicity – single exposure: None known.

Specific target organ toxicity – repeated exposure: None known.

Aspiraton hazard: No data available.

Chronic effects: None known.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY DATA

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

If this product, as supplied, becomes a waste, it does NOT meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste

disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

Disposal methods: Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. See Disposal methods.

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200 (HazCom 2012).

TSCA STATUS: All components are listed.

U.S. STATE REGULATIONS

CALIFORNIA PROPOSITION 65: This product does not contain any Proposition 65 chemicals.

U.S. STATE RIGHT TO KNOW REGULATIONS: This product does not contain any substances regulated by state right to know regulations.

SECTION 16: OTHER INFORMATION

SDS Preparation Date:	May 27, 2015
SDS Revision Date:	May 27, 2015
SDS Revision No.:	1

REASONS FOR REVISION:

- Updated SDS header
- Changed the SDS format to meet the GHS requirements of the revised 2012 OSHA HCS (29 CFR 1910.1200)
- Product identifier has been added or updated (See Section 1)

MIAMI PRODUCTS & CHEMICAL CO.

SAFETY DATA SHEET

SDS ID: SQ3

Revision Date: May 27, 2015

Revision No.: 1

- Revised Hazards Identification information (See Section 2)
- Added GHS Information (See Section 2)
- Updated First-Aid Measures (See Section 4)
- Updated Fire Fighting Measures (See Section 5)
- Revised Accidental Release Measures (See Section 6)
- Revised Handling and Storage Recommendations (See Section 7)
- Updated Exposure Controls/Personal Protection (Section 8)
- Updated Physical and Chemical Properties (See Section 9)
- Updated Stability and Reactivity (Section 10)
- Updated Toxicological Information (Section 11)
- Updated Ecological Information (Section 12)
- Updated Disposal Considerations (See Section 13)
- Updated Regulatory Information (See Section 15)
- Added SDS Preparation Date, SDS Revision Date, and SDS Revision No. (See Section 16)
- Added "End of SDS Document" phrase
- Added a list of abbreviations that may have been used in the SDS

ABBREVIATIONS (please note that not all abbreviations may appear on this SDS):

ACGIH = American Conference of Governmental Industrial Hygienist

CAS = Chemical Abstract Service

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act

CFR = Code of Federal Regulations

DOT = Department of Transportation (United States)

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

EINECS/ELINCS = European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

EN = European Norm

EPCRA = Emergency Planning & Community Right to Know Act (1986)

EU = European Union

GHS = Global Harmonization System

HMIS = Hazardous Materials Information System

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IDLH = Immediately Dangerous to Life or Health

IMDG = International Maritime Dangerous Goods (Code)

ICAO = International Civil Aviation Organization

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

NOEC = No Observed Effect Concentration

N.O.S. = Not Otherwise Specified

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

PBT = Persistent Bioaccumulative and Toxic

PEL = Permissible Exposure Limit;

pH = A measure of the acidity or alkalinity of a solution

PSM = Process Safety Management

RQ = Reportable Quantity

MIAMI PRODUCTS & CHEMICAL CO.

SAFETY DATA SHEET

SDS ID: SQ3

Revision Date: May 27, 2015

Revision No.: 1

SARA = Superfund Amendments and Reauthorization Act

SDS = Safety Data Sheet

STOT = Specific Target Organ Toxicity

TLV = Threshold Limit Value

TPQ = Threshold Planning Quantity

TSCA = Toxic Substance Control Act

TWA = Time-weighted Average

UN = United Nations

DISCLAIMER: This SDS generally complies with the requirements set forth in 29 CFR 1910.1200 and Annex 5, Fifth Edition (2014) Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Miami- Products & Chemical Co. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Miami Products & Chemical Co. be responsible for damages of any nature whatsoever resulting from the use of, misuse or reliance upon information. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure its activities comply with federal, State, Provincial, and local laws and regulations.

The information contained in this SDS is subject to revision as additional knowledge, information, and experience is gained.

END OF SDS DOCUMENT