

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

GHS Product identifier:	Sanygen Scouring Paste
Other means of identification:	Item codes: S-X3-36
Synonyms:	None known.
Recommended use:	Sanygen Scouring Paste is a mild cleaning compound used to clean pool walls and coping.
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 considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Classification in accordance with 29 CFR 1910 (GHS HCS)

Carcinogenicity	Category 1A
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity—single exposure; Respiratory tract irritation	Category 3

GHS label elements, including precautionary statements



Pictogram(s):

Signal Word: DANGER

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GHS Hazard Statements:

Physical hazard statements:	None known.
Health hazard statements:	H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H350: May cause cancer.
Environmental hazard Statements:	None known.

GHS Precautionary Statements:

General Precautionary Statements:	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use.
Prevention Precautionary Statements:	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash all affected areas thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves and eye/face protection. P281: Use personal protective equipment as required.
Response Precautionary Statements:	P302+P352: IF ON SKIN: Wash with plenty of soap and water. P332+P313: If skin irritation occurs: Get medical attention. P362: Take off contaminated clothing and wash before reuse. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312: Call a POISON CENTER or physician if you feel unwell. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313: IF exposed or concerned: Get medical attention. P337+P313: If eye irritation persists: Get medical attention. P321: Specific treatment (see First Aid information on product label and/or Section 4 of the SDS).
Storage Precautionary Statements:	P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.

Disposal Precautionary Statements: P501: Dispose of contents/container in accordance with local, regional, and national regulations.

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Common Chemical Name	Percent (%)	CAS Number
Proprietary	Proprietary	Mixture
All other components of this product are either non-hazardous or below de-minimus quantities.		

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. Exposure to this product may be slightly irritating to the eyes, skin, and respiratory tract.

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: 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.

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. For additional information, refer to Section 8, Exposure Controls/Personal Protection. Refer to Section 7, Handling and Storage, for additional precautionary measures.

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: Small and large spills: Contain spilled material if possible. Absorb spilled liquid with materials such as sand. Collect in suitable and properly labeled containers. Flush residue with plenty of water. See Section 13, Disposal Considerations, for additional information.

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. Do not get in eyes, on skin, or on clothing. Wash all affected areas thoroughly after handling this product. Keep material out of lakes, stream, ponds and sewer drains.

Conditions for safe storage: Do NOT store near food or feed. Store this product in a cool, dry, well-ventilated area away from direct sunlight. Store in original container and keep this container tightly closed at all times when not in use.

Incompatibilities/conditions to avoid: Hydrofluoric acid, chlorine trifluoride or oxygen difluoride, fluorine. Prevent from freezing by storing in temperatures that do not fall below 0° C (32° F).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit(s): As listed below.

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Proprietary	10 mg/m ³ TWA (respirable dust)	0.025 mg/m ³ TWA (respirable dust)	0.05 mg/m ³ TWA (respirable dust)	No data available
Proprietary	15 mg/m ³ TWA (total dust)	10 mg/m ³ TWA (inhalable fraction)	No data available	4 mg/m ³ TWA (inhalable fraction)
	5 mg/m ³ TWA (respirable fraction)	3 mg/m ³ TWA (respirable fraction)	No data available	1.5 mg/m ³ TWA (respirable fraction)

*Deutsche Forschungsgemeinschaft Maximum Allowable Concentrations

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: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's 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	Viscous liquid
Color	Light blue
Odor	No distinguishable odor
Odor threshold	No data available
pH	6.5-7.5
Melting point/freezing point	0° C (32° F)
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability limit – lower (%)	Not applicable

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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	1.2-1.3 g/mL
Solubility(ies)	Not applicable
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
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: Freezing temperatures or excessive heat (for quality purposes).

Incompatible materials: Hydrofluoric acid, chlorine trifluoride or oxygen difluoride, fluorine.

Hazardous decomposition products: Decomposition will not occur.

Hazardous polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA

Mixture Toxicity: No data available for this mixture.

Information on likely routes of exposure

Ingestion: Not a likely route of exposure in a workplace setting, but this product is not suspected of being harmful if swallowed.

Inhalation: Inhalation of mists/vapors may be irritating to the nose, throat, and the upper respiratory tract.

Skin contact: Contact with skin may cause mild irritation.

Eye contact: Contact with the eyes may cause mild irritation.

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

Germ cell mutagenicity: No data available.

Carcinogenicity

IARC: This mixture contains a single component, which at < 67.0% concentration, is thought to be a carcinogen. Group 1 – Carcinogenic to Humans.

ACGIH: This mixture contains a single component, which at < 67.0% concentration, is thought to be a carcinogen. A2 – Suspected Human Carcinogen.

NTP: This mixture contains a single component, which at < 67.0% concentration, is thought to be a carcinogen. Known Carcinogen.

OSHA: This mixture contains a single component, which at < 67.0% concentration, is thought to be a carcinogen. Present.

Reproductive toxicity: No data available.

Specific target organ toxicity – single exposure: This product may cause respiratory irritation with a single exposure.

Specific target organ toxicity – repeated exposure: No data available.

Aspiraton hazard: No data available.

Chronic effects: Non data available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY DATA

No data is available.

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

Disposal methods: Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. This material and its container must be disposed of as a hazardous waste. 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

US FEDERAL REGULATIONS:

TSCA STATUS: Components Listed.

CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME	RQ
Proprietary	No data available

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

CHEMICAL NAME	TPQ	RQ
Proprietary	No data available	No data available

SARA TITLE III SECTION 311/312 HAZARD CATEGORIES: Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
YES	NO	NO	NO	NO

SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:

CHEMICAL NAME	CAS #	CONCENTRATION (%)
Proprietary	Mixture	Proprietary

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US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This mixture does contain a single ingredient, which makes up < 67.0% of the formulation, which is listed as a carcinogen.

SECTION 16: OTHER INFORMATION

SDS Preparation Date:	August 5, 2015
SDS Revision Date:	August 5, 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)
- Revised Hazards Identification information (See Section 2)
- Added GHS Information (See Section 2)
- Updated Composition/Information on Ingredients (See Section 3)
- 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/NDSL = 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)

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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
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
REL = Recommended Exposure Limit
RQ = Reportable Quantity
SARA = Superfund Amendments and Reauthorization Act
SDS = Safety Data Sheet
STOT = Specific Target Organ Toxicity
TLV = Threshold Limit Value
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