

SAFETY DATA SHEET

Section 1: Identification

1.1. Product Identifier

Speed-Clean

1.2. Recommended Use and Restrictions on Use

Sterilizer Cleaner

1.3. Supplier's Details

Developed For: Midmark Corporation
Address: 60 Vista Drive, P.O. Box 286, Versailles, OH 45380-0286, USA
Telephone: 1-800-MIDMARK

1.4. Emergency Telephone Number:

(937) 526-8498

Section 2: Hazard Identification

2.1. Hazard Classification

Skin Irritation: Category 2

Eye Irritation: Category 2A

Acute Toxicity: Oral Category 4

Specific Target Organ Toxicity: Category 3 (single exposure, respiratory system)

2.2. Label Elements

Signal Word

Warning

Symbols

Exclamation Mark



GHS07

Hazard Statements

H302, H312, H332 Harmful if swallowed, in contact with skin or if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary Statements

Prevention & Response:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P301, P312, P330 (IF SWALLOWED): Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P302, P352 (IF ON SKIN): Wash with plenty of soap and water.

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P304, P340 (IF INHALED): Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305, P351, P338 (IF IN EYES): Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P332, P313 If skin irritation occurs: Get medical advice/attention.

P337, P313 If eye irritation persists: Get medical advice attention.

P362 Take off contaminated clothing and wash before reuse.

P403, P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/ container to an approved waste disposal plant.

2.3. Hazards Not Otherwise Classified

None

Section 3: Composition/Information on Ingredients

Chemical Name	wt%	CAS Registry #
Water	80 – 90%	7732-18-5
Potassium Tripolyphosphate	<8%	7320-34-5
Ethylene glycol butyl ether	<5%	111-76-2
Polyoxyethylene alkyl ether phosphate	<5%	68130-47-2
Caustic Potash	<3%	1310-58-3
Nonyphenol ethoxylate	<3%	127087-87-0

Section 4: First Aid Measures

Inhalation: Move person to fresh air. If symptoms persist or develop, seek immediate medical attention.

Skin Contact: Remove contaminated clothing. Flush skin with running water for 15 minutes. If irritation persists, seek immediate medical attention.

Eye Contact: Immediately flush eyes with water for at least 15 minutes, intermittently lifting the lower and upper eyelids. If irritation persists, seek immediate medical attention.

Ingestion: Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth. If symptoms persist or develop, seek immediate medical attention.

Section 5: Fire-Fighting Measures**5.1. Suitable extinguishing media**

Material is non-flammable. Water may be used to fight a fire, use extinguishing media that is appropriate for the surrounding materials.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

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Section 6: Accidental Release Measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental Precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Don appropriate personal protective equipment and then take immediate steps to stop and contain the spill. Contain and recover liquid when possible. Collect material in an appropriate container or absorb with an inert material (vermiculite, dry sand, earth), and place in a chemical waste container.

Section 7: Handling and Storage**7.1. Conditions for safe storage including any incompatibles**

Store in a cool, clean, dry, well ventilated area away from incompatible materials (see Section 10). Keep containers closed when not in use. Empty containers may contain residues; therefore, use the same caution when handling empty containers as handling the product. Use product in a well-ventilated area. This product has an indefinite shelf life with normal use as defined by Sections 7 and 10 of this SDS; please follow local requirements for chemical management.

Section 8: Exposure Controls/Personal Protection**8.1. Control Parameters**

Chemical Composition/Hazardous Ingredients/Occupational Exposure Limits – exposure limits are time weighted averages (TWA), short-term exposure limits (STEL) and Ceiling (C) and are included if established.

Ingredient	ACGIH TLV	OSHA PEL	IDLH	STEL	NIOSH REL
Water	Not Established	Not Established	Not Established	Not Established	Not Established
Potassium Tripolyphosphate	Not Established	Not Established	Not Established	Not Established	Not Established
Ethylene glycol butyl ether	20 ppm	50 ppm	Not Established	Not Established	Not Established
Polypxethylene alkyl ether phosphate	3 mg/m ³	Not Established	Not Established	Not Established	Not Established
Caustic Potash	2 mg/m ³	Not Established	Not Established	Not Established	Not Established
Nonylphenol ethoxylate	Not Established	Not Established	Not Established	Not Established	Not Established

8.2. Exposure Controls**8.2.1. Engineering Controls**

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Use in an area with adequate ventilation. If material is irritating to the respiratory tract or exceeds the TWA, then proper respiratory protection should be worn.

8.2.2 Personal Protective Equipment (PPE)

Eye and Face: Wear splash goggles and face shield if splashing is possible during use. Follow guidelines by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin: Prevent skin contact. Wear impervious gloves to prevent skin contact.

Respiratory: Respiratory protection may not be required where adequate ventilation conditions exist. If vapors exist above the PEL, a NIOSH-approved respirator is recommended. If respiratory protection is required, a respiratory program including selection, fit testing, training, maintenance and inspection should be implemented per OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149.

Work Hygienic Practices: Do not eat, drink, or smoke in work area. Always wash hands after handling this material. Maintain good housekeeping.

Section 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

General Physical Form:	Liquid
Appearance/Odor:	Clear / No appreciable odor
pH:	8
Flash Point:	>200 °F
Autoignition Temperature:	No available data
Boiling Point:	No available data
Melting Point:	Not applicable
Flammability Limits:	Not applicable
Evaporation Rate:	No available data

Section 10: Stability and Reactivity**10.1. Chemical Stability**

Stable under normal use and temperature conditions.

10.2. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.3. Conditions to avoid

Avoid heat and ignition sources.

10.4. Incompatible materials

Strong oxidizing agents, acids, ammonia, organic amines, chlorates, chlorine, and reducing agents.

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10.5. Hazardous Decomposition

Carbon Monoxide, Carbon Dioxide, Oxides of Phosphorus, and irritating fumes and gases.

Section 11: Toxicological Information

11.1. Signs and Symptoms of Overexposure

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Inhalation: This product may cause coughing, chest tightness, runny nose, chest pain, and burning throat.

Ingestion: Harmful if swallowed. May cause irritation to the digestive tract and stomach.

11.2. Acute Toxicity

Acute oral toxicity: Release LD50 rat - no available data

Acute inhalation toxicity: Release LD50 rat - no available data

Acute dermal toxicity: Release LD50 rabbit - no available data

11.3. Other Exposure/Toxicity

Germ Cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

STOT single exposure: See Section 2

STOT repeated exposure: Not classified

Section 12: Ecological Information

Aquatic Toxicity: This product does not pose a toxic hazard risk to aquatic life.

Bio-accumulative potential: No data available.

Mobility: No data available.

Section 13: Disposal Considerations

13.1. Disposal Method

Disposal must be in accordance with applicable federal, state and local governmental regulations.

Recycling of the material is preferred.

13.2. Product Disposal

Refer to US EPA guidelines for the classification listed in 40 CFR 261.3.

13.3. Empty Container

Empty containers may contain residue. Use safety measures when handling empty containers.

13.4. General Comments

Recovery and recycling of the materials is preferred.

Section 14: Transport Information

This product is not regulated by the U.S. Department of Transportation.

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Section 15: Regulatory Information

Section 15.1. U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act (CERCLA): This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

Toxic Substance Control Act (TSCA): All components of this product are on the Chemical Substance Inventory and designated as active in U.S. commerce.

SARA Section 311/312 (40 CFR 370) Hazard Categories: Acute Health

SARA Section 313 (40 CFR 372) Hazard Categories: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act: This product contains no chemicals that are listed as Hazardous Substances under the CWA.

Clean Air Act: This product contains no chemicals that are listed as Hazardous Substances under the CAA.

California Prop 65: This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

Section 16: Other Information

16.1. REVISION INFORMATION:

Approved by: Environmental Health and Safety Manager
Approval date: August 2020

16.2. National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 2

Flammability: 0

Reactivity: 0

16.3. MANUFACTURER DISCLAIMER:

Our purpose in sending this information is to help you protect the health and safety of your personnel. The information in this Material Safety Data Sheet meets or exceeds the requirements of the United States Occupational Safety and Health Act and

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Regulation promulgated thereunder (29 CFR 1910.1200 et. Seq.). Midmark Corporation believes the information present herein is based on reliable and accurate data gathered as of the date of the Safety Data Sheet. Midmark Corporation provides no warranty or representation and disclaims all liability for the accuracy or completeness of the provided information.