

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/25/16

Reviewed on 10/25/16

1 Identification

- **Product identifier**
- **Trade name:** Sanifil Formula S24
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BORTEK INDUSTRIES INC.,
4713 GETTYSBURG RD.
MECHANICSBURG, PA 17055
TELEPHONE: 717-737-7162
- **Information department:** Product safety department
- **Emergency telephone number:** SAME AS COMPANY NUMBER

2 Hazard(s) identification

GHS ELEMENTS:

Hazard Classification:	Eye Irritation (Category 2B).
Pictogram:	None.
Signal Word:	Warning
Hazard Statements:	Causes eye irritation.

Precautionary Statements:

Wash skin thoroughly after handling. Wear protective gloves, clothing, eye and face protection.
 If swallowed, rinse mouth. Do NOT induce vomiting.
 If on hair or skin, remove all contaminated clothing and rinse skin with water.
 If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 If in eyes, rinse carefully with water for several minutes. Remove contactlenses, if able and continue rinsing.
 Immediately call a poison center or doctor/physician. See First Aid instruction for specific treatment.
 Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

POTENTIAL HEALTH EFFECTS

EYES:	May cause irritation.
SKIN:	May cause irritation.
INGESTION:	May cause irritation.
INHALATION:	May cause irritation.

ACUTE HEALTH HAZARDS: Causes eye irritationPossible skin irritation.

CHRONIC HEALTHHAZARDS: Nonknown.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY:

OSHA:	No
ACGIH:	No
NTP:	No
IARC:	No
CA Prop 65:	No

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3 Composition/information on ingredients

INGREDIENT:			<u>CAS No.</u>
	Potassium Acetate	35%	127-08-2
	Water	65%	7732-18-5
	Corrosion Inhibitor	<1%	Proprietary
SARA 313 REPORTABLE:	N/A		
OSHA PEL-TWA:	N/A	ACGIH TLV-TWA:	N/A
OSHA PEL-STEL:	N/A	ACGIH TLV-STEL:	N/A
OSHA PEL CEILING:	N/A	ACGIH TLV CEILING:	N/A

4 First-aid measures

EYES: Flush with water immediately and thoroughly for 15 minutes. If irritation persists, seek medical attention.

SKIN: Thoroughly wash with soap and water. If irritation persists, seek medical attention.

INGESTION: If victim is conscious and alert, give milk or water to drink. Seek medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

5 Fire-fighting measures

FLAMMABLE LIMITS IN AIR: Not flammable.

FLASH POINT: N/A

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A

NFPA HAZARD CLASSIFICATION



Health = 1
Fire = 0
Reactivity = 0
Other = 0

HMS HAZARD CLASSIFICATION



Health = 1
Fire = 0
Reactivity = 0
Protection = B

EXTINGUISHING MEDIA: Water or media suitable for surrounding material.

SPECIAL FIRE FIGHTING PROCEDURES: Proper safety equipment to include SCBA operated in positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Carbon monoxide and/or carbon dioxide may be released.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and/or carbon dioxide.

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6 Accidental release measures

ACCIDENTAL RELEASE MEASURES: Confine the spill to a diked area or sump, if possible, and recover as much of the product as possible. Place in suitable containers. Dispose in accordance with all federal, state, and local regulations.

7 Handling and storage

HANDLING AND STORAGE: Keep in a cool dry, wellventilated place. Keep container tightly closed. Store in suitable containers made of mild steel, stainless steel, plastic or fiberglass. Wear suitable personal protective equipment.

OTHER PRECAUTIONS: Always use good safety and industrial hygienic practices.

8 Exposure controls/personal protection

ENGINEERING CONTROLS: Good hygienic operating protocols are always recommended.

VENTILATION: Provide local ventilation as necessary.

RESPIRATORY PROTECTION: Respiratory protection is not normally required unless excessive heat or reaction results in release of carbon dioxide or carbon monoxide. In enclosed spaces, these gases can displace oxygen causing possible suffocation, thus use a contained breathing apparatus. Do not use air self-purifying respirators.

EYE PROTECTION: Safety goggles and full face shield.

SKIN PROTECTION: Rubber gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

WORK HYGIENIC PRACTICES: Wash hands thoroughly after handling.

EXPOSURE GUIDELINES: N/A

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9 Physical and chemical properties

APPEARANCE:	Clear, nearly colorless liquid. May be dyed per customer request, generally clear blue or clear green.																	
ODOR:	Mild odor.																	
ODOR THRESHOLD:	No data available.																	
PHYSICAL STATE:	Liquid.																	
pH AS SUPPLIED:	8.0 - 11.0																	
MELTING POINT:	Unknown																	
FREEZING POINT:	F°: -9.4 C°: -23																	
BOILING POINT:	>200°F >93.3°C																	
FLASH POINT:	N/A																	
METHOD USED:	N/A																	
EVAPORATION RATE:	N/A																	
FLAMMABLE LIMITS IN AIR:	Not flammable.																	
VAPOR PRESSURE (mmHg):	No data available.																	
VAPOR DENSITY (AIR = 1):	No data available.																	
SPECIFIC GRAVITY (20°C):	1.19kg/L																	
DENSITY (20°C):	1.19kg/L 9.91 LBS/GAL																	
SOLUBILITY IN WATER:	Complete																	
PARTITION COEFFICIENT:	n-octanol/water N/A																	
PERCENT SOLIDS BY WEIGHT:	35																	
PERCENT VOLATILE:	65																	
VOLATILE ORGANIC COMPOUNDS (VOC):	None																	
AUTOIGNITION TEMPERATURE:	N/A																	
VISCOSITY: <table border="0" style="display: inline-table; vertical-align: middle;"> <thead> <tr> <th style="text-align: center;"><u>Temperature°C</u></th> <th style="text-align: center;"><u>cSt.</u></th> <th style="text-align: center;"><u>cPs.</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">20</td> <td style="text-align: center;">4.7</td> <td style="text-align: center;">6.0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">9.8</td> <td style="text-align: center;">12.5</td> </tr> <tr> <td style="text-align: center;">-10</td> <td style="text-align: center;">16.5</td> <td style="text-align: center;">21.1</td> </tr> <tr> <td style="text-align: center;">-20</td> <td style="text-align: center;">30.6</td> <td style="text-align: center;">39.1</td> </tr> </tbody> </table>	<u>Temperature°C</u>	<u>cSt.</u>	<u>cPs.</u>	20	4.7	6.0	0	9.8	12.5	-10	16.5	21.1	-20	30.6	39.1			
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USA

10 Stability and reactivity

	STABLE	UNSTABLE
STABILITY:	x	
CONDITIONS TO AVOID (STABILITY):	Extreme heat.	
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong acids or strong oxidizing agents.	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Carbon monoxide and/or carbon dioxide.	
HAZARDOUS POLYMERIZATION:	Will not occur.	

11 Toxicological information

TOXICOLOGICAL INFORMATION	EPA 40CFR797.1300 Daphnid Acute Toxicity: 48 hour LC ₅₀ : 2825 mg/L EPA 40CFR797.1400 Fish Acute Toxicity: 96 hour LC ₅₀ : 2925 mg/L
ACUTE TOXICITY:	LD50 (Rat, Oral): 3250 mg/kg

(Contd. on page 5)

