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

Hazard Classification:

GHS ELEMENTS:

Eye Irritation (Category 2B).

Pictogram: None.

Signal Word: Warning

Hazard Statements: Causes eye irritation.

Precautionary Statements:

Wash skin throughly 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

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

ACUTE HEALTH HAZARDS: Causes eye irritation Possible skin irritation.

CHRONIC HEALTHHAZARDS: Non-known.

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:	Potassium Acetate Water Corrosion Inhibitor	3 <i>5</i> % 6 <i>5</i> % <1%	<u>CAS No.</u> 127-08-2 7732-18-5 Proprietary	
SARA 313 REPORTABLE:	N/A			
OHSA PEL-TWA: N/A OSHA PEL-STEL: N/A OSHA PEL CEILING: N/A	ACGIH TLV-TWA: N/A ACGIH TLV-STEL: 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.	NFPA HAZARD CLASSIFICATION
FLASH POINT:	N/A	Health = 1 Fire = 0
METHOD USED:	N/A	Reactivity = 0 Other = 0
AUTOIGNITION TEMPERATURE:	N/A	HMIS HAZARD CLASSIFICATION
		HEALTH 1 Health = 1 FIRE 0 Fire = 0

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.

Reactivity = 0

Protection = B

REACTIVITY 0

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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/persona	I protection
ENGINEERING CONTROLS:	Good hygienic operating protocols are always recommended.
VENTILATION:	Providelocal 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 EQUIPMEN	NT: N/A
WORK HYGIENIC PRACTICES:	Washhands thoroughly after handling.
EXPOSURE GUIDELINES:	N/A

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APPEARANCE:			Clear, nearly colorless liquid. May be dyed per customer request, generally clear blue or clear green.		yed per customer request, generally
ODOR:		Mild od			
ODOR THRESHOLD:			available.		
PHYSICAL STATE:		Liquid.			
pH AS SUPPLIED:		8.0 - 11.0			
MELTING POINT:		Unknow			
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 I	N AIR:	Not flan	nmable.		
VAPOR PRESSURE (m	mHg):	No data	available.		
VAPOR DENSITY (AIR			available.		
SPECIFIC GRAVITY (20	0°C):	1.19kg/	L		
DENSITY (20°C):		1.19kg/L			
		9.91LBS	/ =: :=		
SOLUBILITY INWATE		Comple			
PARTITION COEFFICI			ol/water N/A		
PERCENT SOLIDS BY	WEIGHT:	35			
PERCENT VOLATILE:		65			
VOLATILE ORGANIC (· · · · · · ·	/ -	None		
AUTOIGNITION TEMP	PERATURE:	N/A			
VISCOSITY:	<u>Temperatu</u>	re℃	<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	

10 Stability and reactivity

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		

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12 Ecological information

ECOLOGICAL INFORMATION:

BOD: 0.21 kg O₂/kg COD: 0.35 kg O₂/kg

13 Disposal considerations

RCRA HAZARD CLASS:

WASTE DISPOSAL METHOD:

Reclaim and reuse as much as possible. Dispose in accordance with all federal, state, and local regulations. No.

14 Transport information

U.S. DEPARTMENT OF TRANSPORTATION

GROUND TRANSPORTATION:

PROPER SHIPPING NAME: Sanifil S24 Lavatory Anti-Freeze HAZARD CLASS: N/A ID NUMBER: N/A PACKING GROUP: N/A LABEL STATEMENT: N/A

AIR TRANSPORTATION (IATA):

PROPER SHIPPING NAME: HAZARD CLASS: ID NUMBER: PACKING GROUP: LABEL STATEMENTS:

Sanifil S24 Lavatory Anti-Freeze

N/A N/A N/A N/A

WATER TRANSPORTATION (IMDG):

PROPER SHIPPING NAME: Sanifil S24 Lavatory Anti-Freeze HAZARD CLASS: N/A ID NUMBER: N/A PACKING GROUP: N/A LABEL STATEMENTS: N/A

USA

USA

CHEMICAL INVENTORY LISTS:	
TSCA (U.S. Toxic Substances Control Act):	Yes
TSCA Section 12(b):	No
DSL (Canadian Domestic Substances List):	Yes
EINCS (European Inventory of Existing Commercial Che	emical Substances)Yes
AICS (Australia):	Yes
IECSC (China):	Yes
ENCJ (Japan):	Yes
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIA	BILITY ACT): No
CLEAN AIR ACT (CAA):	Contains no priority air pollutants.
CLEAN WATER ACT (CWA):	Contains no priority water pollutants.

Other Information

DISCLAIMER:

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