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### 1 Identification

· Product identifier

· Trade name: Sanifil Formula S72

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 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

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

ACUTE HEALTH HAZARDS: Causes eye irritatio Possible skin irritation.

CHRONIC HEALTHHAZARDS: Noneknown.

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 50% 127-08-2

Water 50% 7732-18-5
Corrosion Inhibitor <1% 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

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A

Health = 1



Fire = 0
Reactivity = 0
Other = 0

HMIS 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: Provideocal 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: Washhands 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
9.91LBS/GAL
SOLUBILITY INWATER: 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: <u>Temperature</u> ℃ cPs. cSt. 4.7 6.0 20 0 9.8 12.5 -10 21.1 16.5 -20 30.6 39.1

USA

#### 10 Stability and reactivity

STABILITY: X UNSTABLE

CONDITIONSTO 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<sub>50</sub>: 2825 mg/L

EPA 40CFR797.1400 Fish Acute Toxicity: 96 hour LC<sub>50</sub>: 2925 mg/L

ACUTE TOXICITY: LD50 (Rat, Oral): 3250 mg/kg

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#### 12 Ecological information

ECOLOGICAL INFORMATION: BOD: 0.21 kg O<sub>2</sub>/kg

COD: 0.35 kg O<sub>2</sub>/kg

JSA -

### 13 Disposal considerations

WASTE DISPOSAL METHOD: Reclaim and reuse as much as possible. Dispose in accordance with all

federal, state, and local regulations.

RCRA HAZARD CLASS: No.

## 14 Transport information

U.S. DEPARTMENT OF TRANSPORTATION

GROUND TRANSPORTATION: AIR TRANSPORTATION (IATA):

PROPER SHIPPING NAME: Sanifil S72 Lavatory Anti-Freeze PROPER SHIPPING NAME: Sanifil S72 Lavatory Anti-Freeze

HAZARD CLASS: N/A **HAZARD CLASS:** N/A ID NUMBER: N/A **ID NUMBER:** N/A PACKING GROUP: PACKING GROUP: N/A N/A LABEL STATEMENT: N/A LABEL STATEMENTS: N/A

WATER TRANSPORTATION (IMDG):

PROPER SHIPPING NAME: Sanifil S72 Lavatory Anti-Freeze

HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A

PACKING GROUP: N/A LABEL STATEMENTS: N/A

- USA

## 15 Regulatory information

CHEMICAL INVENTORY LISTS:

TSCA (U.S. Toxic Substances Control Act):

TSCA Section 12(b):

DSL (Canadian Domestic Substances List):

EINCS (European Inventory of Existing Commercial Chemical Substances) Yes
AICS (Australia):

Yes
IECSC (China):

ENCJ (Japan):

Yes
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

No

CLEAN AIR ACT (CAA):

CLEAN WATER ACT (CWA):

Contains no priority air pollutants.

Contains no priority water pollutants.

USA

#### Other Information

DISCLAIMER:

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