

# Safety Data Sheet

Name of Product: FSA Additive

SDS Date: 2-10-2015

Date Superseded: 12-12-2014

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## Section 1: Product and Company Identification

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**Product Name:** FSA

**Manufacturer's Name:** Maintenance, Inc.

**Address:** 1051 W Liberty St, Wooster, Ohio 44691

**Phone:** 1-800-892-6701 or 330/264-6262 (Maintenance, Inc.)

**Chemical Emergency only:** 800-424-9300

**Formula:** ADS1

**Product Use:** Additive for Pavement Sealer

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## Section 2: Hazards Identification

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**HMIS Rating:** Health-1; Fire-1; Reactivity-0; PPE-B

**Emergency Overview:** This material is not a hazardous under OSHA or WHMIS criteria.

WARNING: This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

**Acute Health Hazards:** None known.

**Chronic Health Hazards:** None known.

**Medical Conditions Generally Aggravated By Exposure:** None known.

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## Section 3: Composition/Information on Ingredients

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**Ingredient:** This material does not contain any hazardous substances at or above OSHA and WHMIS reportable levels.

**Chemical Characteristic:** Dispersion of vinyl acetate and ethylene and water.

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## Section 4: First Aid Measures

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**Eyes:** Immediately flush with plenty of water, while holding eyelids apart, for 15 minutes and call physician.

**Skin:** Wash with plenty of water and soap.

**Ingestion:** If alert and conscious, give several glasses of water to drink. Seek physician, show MSDS or label. DO NOT induce vomiting.

**Inhalation:** If affected, remove to fresh air.

**Notes To Physicians or First Aid Providers:**

**Section 4 Notes:** Get medical attention if irritation or other symptoms occur. Before seeking medical attention, remove contaminated clothing. Take a product Safety Data Sheet with you.

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## Section 5: Fire-Fighting Measures

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**Extinguishing Media:** CO, dry chemical, foam.

**Special Fire Fighting Procedures:** Cool exposed containers to prevent steam pressure buildup. Wear self-contained breathing equipment.

**Unusual Fire and Explosion Hazards:** Not applicable.

**Hazardous Decomposition Products:** At increased temperature: Acetic Acid.

**Section 5 Notes:** If stored and handled properly, no hazardous reactions are known. Dried material is combustible but does not present unusual fire or explosion hazard.

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### **Section 6: Accidental Release Measures**

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**Accidental Release Measures:** Wear personal protective equipment, Eye/Face protection, impervious gloves. Indicate risk of slipping. Prevent material from entering surface waters. Contain spill using suitable material. Dispose of as non-hazardous waste in accordance with Federal, State, and Local regulations.

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### **Section 7: Handling and Storage**

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**Handling and Storage:** Avoid exposure by using PPE prescribed in Section 2 notes. Use with adequate ventilation.

**Other Precautions:** Store in airtight containers. Keep from freezing.

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### **Section 8: Exposure Controls/Personal Protection**

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**Engineering Controls:**

**Ventilation:** Use with adequate ventilation.

**Respiratory Protection:** Not necessary.

**Eye Protection:** Chemical safety glasses/goggles.

**Skin Protection:** Rubber gloves if contact is expected.

**Other Protective Clothing or Equipment:** Wear suitable protective clothing to cover exposed areas of arms, legs and torso.

**Work Hygienic Practices:** Avoid contact with eyes, skin and clothing. DO NOT eat or drink when handling. Wash thoroughly after using.

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### **Section 9: Physical and Chemical Properties**

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**Appearance:** Light green

**Odor:** Mild

**Physical State:** Liquid

**pH:** 4.75 – 5.0

**Boiling Point:**

F: 212°

C: 100°

**Freezing Point:**

F: 32°

C: 0°

**Vapor Pressure (Air=1):** 0.6

**Density:** 1.05 g/cm<sup>3</sup>

**Specific Gravity (H<sub>2</sub>O=1):** 1.04

**Solubility In Water:** Moderately soluble

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## Section 10: Stability and Reactivity

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**Conditions To Avoid (Stability):** None known.

**Incompatibility (Material to Avoid):** None known.

**Hazardous Decomposition or By-Products:** If stored and handled properly: None known  
At increased temperature: Acetic Acid

**Hazardous Polymerization:** Will not occur.

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## Section 11: Toxicological Information

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Data derived for the product as a whole are of higher priority than data for single ingredients.  
Toxicological testing has been conducted with similar product(s).

**Acute Toxicity:** Based on the available data acute toxic effects are not expected from single oral exposure.

**Product details:** oral – LD50 > 2000 mg/kg – rat (conclusion by analogy OECD 423)

**Skin corrosion/irritation:** Based on available data a clinically relevant skin irritation hazard is not expected.

**Product details:** not irritating – rabbit (conclusion by analogy OECD 404).

**Serious eye damage/irritation:** Based on available data a clinically relevant eye irritation hazard is not expected.

**Product details:** not irritating – rabbit (conclusion by analogy OECD 405).

**Respiratory or skin sensitization:** For this endpoint no toxicology test data is available for the whole product.

**Data related to ingredients:**

**5-Chloro-2-methyl-4-isothiazoline-3-on and 2-methyl-4-isothiazoline-3-on (mixture in a ratio of 3:1)**

Based on the proven low sensitization induction threshold in human, mixtures containing ≥15ppm are classified as skin sensitization in Europe.

**Germ cell mutagenicity:** Based on known data a significant mutagenic potential may be excluded.

**Product details:** negative – mutation assay (in vitro) bacterial cells – (conclusion by analogy OECD 471).

**Carcinogenicity:** For this endpoint no toxicological test data is available for the whole product.

Note: No component of this product present at levels > or = to 0.1% is identified as a known or anticipated carcinogen by NPT. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels of > or = to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** For this endpoint no toxicological test data is available for the whole product.

**Specific target organ toxicity (single exposure):** For this endpoint no toxicological test data is available for the whole product.

**Aspiration hazard:** Based on physical-chemical properties of the product no aspiration hazard must be expected.

**Section 11 Notes:**

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**Section 12: Ecological Information**

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**Toxicity:** No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

**Product details:** LC50 - > 100MG/L – rainbow trout (*Oncorhynchus mykiss*) (96h) – (conclusion by analogy OECD 23).  
EC10 - > 1000 mg/l – sludge (0.5h) – (conclusion by analogy)

**Persistence and degradability:** Polymer component not readily biodegradable. Elimination by absorption to activated sludge. Separation by flocculation is possible.

**Bioaccumulative potential:** No adverse effects expected.

**Mobility in soil:** No adverse effects expected.

**Notes:** No other adverse effects known. The ecotoxicological results provided were obtained from tests with similar products.

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**Section 13: Disposal Considerations**

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**Waste Disposal Method:** Dispose of in accordance with Federal, State, and Local regulations.

**RCRA Hazard Class:** N/A

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**Section 14: Transport Information**

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**U.S. Department of Transportation:** Not regulated for transport.

**Water Transportation:** Not regulated for transport.

**Air Transportation:** Not regulated for transport.

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**Section 15: Regulatory Information**

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**U.S. Federal Regulations:**

**TSCA (Toxic Substance Control Act):** All components of this material are listed with or in accordance with TSCA.

**CERCLA (Comprehensive Response Compensation and Liability Act):** No

**SARA Title III (Superfund Amendments and Reauthorization Act):** No

**311/312 Hazard Categories:** No

**313 Reportable Ingredients:** No

**State Regulations:** California Proposition 65 Carcinogens: 50-00-0 Formaldehyde, 75-07-0 Acetaldehyde  
California Proposition 65 Reproductive Toxins: 67-56-1 Methanol

**International Regulations:** WHMIS Hazard Classes: None  
DSL Status: This material or its components are listed on the Canadian Domestic Substances List.

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## Section 16: Other Information

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### **Other Information:**

**Preparation Information:** Mix well before using.

Keep out of reach of children.  
For professional and industrial use only.  
Always read the label plus precautions and follow directions carefully.  
Keep from freezing.  
Keep in cool place.  
Keep containers airtight for storage.  
Use with adequate ventilation.  
Avoid contact with eyes and skin.  
Wash thoroughly after using.  
DO NOT TAKE INTERNALLY.

Additional Technical Data Sheets and/or SDSs are available upon request.

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