

# SAFETY DATA SHEET

In accordance with OSHA 29 CFR 1910.1200

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

## 1. Identification

### 1.1. Product identifier

Product Name S-581

### Other means of identification

Other information 30603685

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use No information available

Restrictions on use No information available

### 1.3. Details of the supplier of the safety data sheet

#### Responsible Party

AHF, LLC  
3840 Hempland Road  
Mountville, PA 17554 USA  
Phone: +1 (866) 243-2726

AHFproducts.com

### 1.4. Emergency telephone number

#### Emergency Telephone

Telephone:  
Chem-Tel: +1 (800) 255-3924 (toll-free)  
+1 (813) 248-0585 (collect)

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

### Hazards not otherwise classified (HNOC)

Not applicable

### 2.2. Label elements

#### EMERGENCY OVERVIEW

#### Hazard statements

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.

Appearance Paste Physical state Paste / Gel Liquid Odor No information available

# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

## 2.3. Other Information

No information available.

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

*The product contains no substances which at their given concentration, are considered to be hazardous to health*

*Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200.*

## 4. First-aid measures

### 4.1. Description of first aid measures

Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin contact	Wash with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
Effects of Exposure	No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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## 5. Fire-Fighting Measures

### 5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical, CO2, alcohol-resistant foam or water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.

# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

## **5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** No information available.

### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

## **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6. Accidental Release Measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required. Do not touch or walk through spilled material. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

### **6.2. Environmental precautions**

**Environmental precautions** Keep out of drains, sewers, ditches and waterways. See Section 12 for additional Ecological Information.

### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Clean contaminated surface thoroughly.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

### **7.2. Conditions for safe storage, including any incompatibilities**

# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep from freezing.

**Recommended storage temperature** Do not freeze. Keep at temperatures between 41 and 95 °F / 5 and 35 °C.

## 7.3 References to other sections

**Reference to other sections** Section 10: STABILITY AND REACTIVITY  
Section 13: DISPOSAL CONSIDERATIONS

## **8. Exposure Controls/Personal Protection**

### 8.1. Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### 8.2. Exposure controls

#### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Hand protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Use appropriate respiratory protection.

**General hygiene considerations** Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Regular cleaning of equipment, work area and clothing is recommended.

## **9. Physical and Chemical Properties**

### 9.1. Information on basic physical and chemical properties

**Physical state** Paste / Gel Liquid  
**Appearance** Paste  
**Color** No information available

# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

Odor No information available  
Odor threshold No information available

Property	Values	Remarks • Method
pH	5 - 6	None known
pH (as aqueous solution)	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	1000 - 2000 mPa s	None known
<b>9.2. Other information</b>		
Explosive properties	No information available	
Oxidizing properties	No information available	
Solvent content (%)	No information available	
Solid content (%)	63 - 66	
Softening point	No information available	
Molecular weight	No information available	
VOC content		No information available
Liquid Density	8.2 - 8.6 LB/GAL	
Bulk density	No information available	

## 10. Stability and Reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Chemical stability Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Do not freeze.

### 10.5. Incompatible materials

# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

Incompatible materials None known based on information supplied.

## 10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied

## **11. Toxicological information**

### 11.1. Information on toxicological effects

Inhalation	Based on available data, the classification criteria are not met.
Eye contact	Based on available data, the classification criteria are not met.
Skin contact	Based on available data, the classification criteria are not met.
Ingestion	Based on available data, the classification criteria are not met.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

### Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	>5 mg/l
ATEmix (inhalation-vapor)	>20 mg/l

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.

# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Other adverse effects	No information available.
Interactive effects	No information available.

## 12. Ecological information

### 12.1. Toxicity

Ecotoxicity

### 12.2. Persistence and degradability

Persistence and degradability No information available.

### 12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

### 12.4. Mobility in soil

Mobility No information available.

### Other adverse effects

Other adverse effects No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Waste from residues/unused products It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

## 14. Transport information

Note: Keep from freezing.

DOT Not regulated

IATA Not regulated

# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
Supersedes Date: 05-Dec-2024

IMDG Not regulated

## 15. Regulatory Information

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Complies** - The components of this product are either listed or exempt from listing on inventory. Active

**Not Listed** - One or more components of this product are not listed on inventory.

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

## 16. Other Information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Legend**

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

#### **Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

Sk\*

Skin designation

Revision date 16-Dec-2024

Revision Note Sec 1.

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# SAFETY DATA SHEET

S-581  
Revision Number 2

Revision Date: 16-Dec-2024  
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**End of Safety Data Sheet**