

# Material Safety Data Sheet

Product Trade Name: PICTAX CLASSIC

ID:

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

Product Trade Name: PICTAX CLASSIC

### Manufacturer Information

Chemtech Finishing Systems  
14057 Stephens Road  
Warren, MI 48089

Contact Phone: (800) 791-2928

Chemtrec Emergency Phone: (800) 424-9300

## \*\*\* Section 2 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
7681-38-1	Sodium bisulfate	>60
Trade Secret	Surfactant	1-10
7757-82-6	Sodium sulfate	1-10
1333-83-1	Sodium bifluoride	1-10

### Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Fluorides (16984-48-8).

### Additional Information:

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

## \*\*\* Section 3 - Hazards Identification \*\*\*

### Emergency Overview:

WARNING! May cause severe irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system. This product may be harmful if it is absorbed through the skin.

### Eye Contact:

This product is severely irritating to the eyes and may cause eye burns.

### Skin Contact:

This product is severely irritating to the skin and may cause burns. Following skin exposure to this product, the sensation of irritation or pain may be delayed.

### Skin Absorption:

A component in this product may be harmful or fatal if absorbed through the skin, especially if skin is damaged.

### Ingestion:

Ingestion of small amounts of this product may result in potentially fatal hypocalcemia and systemic toxicity. Ingestion of large amounts of this product may result in fluoride poisoning including symptoms of calcification of the ligaments and severe bone changes making normal movements painful, mottling of the teeth, pulmonary fibrosis, anemia, anorexia, dental effects, and possibly death.

### Inhalation:

Inhalation of mists of this product may cause severe irritation and burns to the respiratory tract. The repeated breathing of this material for years may cause fluorosis.

### Medical Conditions Aggravated by Exposure:

Pre-existing eye, skin and respiratory disorders. Disorders of the blood. Preexisting cardiovascular or bone marrow diseases. Preexisting liver and kidney disorders.

## \*\*\* Section 4 - First Aid Measures \*\*\*

### Eye Contact:

In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

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## Skin Contact:

For skin contact, flush with large amounts of water. Seek immediate medical attention.

## Ingestion:

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.

## Inhalation:

If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.

## First Aid: Notes to Physician

Ocular exposure to corrosive fluoride compounds has been treated with isotonic sodium chloride or magnesium chloride. Dermal exposure to corrosive fluoride compounds has been treated with calcium gluconate or calcium carbonate gel applied topically to the affected areas to relieve pain at the site of exposure. Treatment of hypocalcemia associated with corrosive fluoride compounds exposure may be corrected by intravenous calcium gluconate or calcium chloride. Treatment of hypomagnesemia may be corrected by intravenous magnesium sulfate.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

Flash Point:	Not determined	Method Used:	Not applicable	Flammability	
Upper Flammable		Lower Flammable		Classification:	Non-flammable
Limit (UFL):	Not determined	Limit (LFL):	Not determined		

## Fire & Explosion Hazards:

Not a fire hazard.

## Decomposition Products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Decomposition of this product may emit oxides of nitrogen.

## Extinguishing Media:

Use any media suitable for the surrounding fires.

## Fire-Fighting Instructions:

Firefighters should wear full protective clothing including self contained breathing apparatus.

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

Containment and Clean up procedures must be conducted in accordance with all local, state, and federal regulations.

## Containment Procedures:

Contain by any means necessary. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Wear appropriate protective equipment and clothing during clean-up.

## Clean-Up Procedures:

Sweep up or gather material and place in appropriate container for disposal. Dispose of collected material according to regulation.

## \*\*\* Section 7 - Handling and Storage \*\*\*

## Handling Procedures:

Do not get this material in your eyes, on your skin, or on your clothing. Wash thoroughly after handling. Do not take internally. For industrial use only. Use this product with adequate ventilation. IN CASE OF CONTACT OR SUSPICION OF CONTACT, PROMPT MEDICAL ATTENTION IS ABSOLUTELY NECESSARY.

## Storage Procedures:

Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Do not store above 120 °F.

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## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### Exposure Guidelines:

#### A: General Product Information

Follow all applicable exposure limits.

#### B: Component Exposure Limits

##### Sodium bifluoride (1333-83-1)

ACGIH: as F: 2.5 mg/m<sup>3</sup> TWA (related to Fluorides)

OSHA: as F: 2.5 mg/m<sup>3</sup> TWA (related to Fluorides)

NIOSH: as F: 2.5 mg/m<sup>3</sup> TWA (related to Fluorides)

### Engineering Controls:

Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

### PERSONAL PROTECTIVE EQUIPMENT

#### Eyes/Face Protective Equipment:

Wear chemical goggles or a full face shield.

#### Skin Protection:

Use impervious gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

#### Respiratory Protection:

If ventilation is not sufficient to effectively prevent buildup of dust, appropriate NIOSH/MSHA respiratory protection must be provided.

#### Personal Protective Equipment:

Eyewash fountains and emergency showers are required.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Physical State:</b>	Granular solid	<b>Appearance:</b>	Off-white granular solid
<b>Odor:</b>	Mild, sweet	<b>Vapor Pressure:</b>	Not applicable
<b>Vapor Density:</b>	Not applicable	<b>Boiling Point:</b>	Not determined
<b>Specific Gravity:</b>	Not determined	<b>pH:</b>	Not determined
<b>Viscosity:</b>	Not determined	<b>VOC:</b>	Not applicable
<b>Solubility Water:</b>	Appreciable	<b>Evaporation Rate:</b>	Not determined
<b>Percent Volatile:</b>	Not applicable	<b>Percent Solids:</b>	Not determined

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability:

Stable under normal conditions.

### Conditions to Avoid:

None expected.

### Incompatibility:

This product may react with strong alkalis. This product may react with strong acids, bases and oxidizing agents.

### Decomposition Products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Decomposition of this product may yield oxides of sulfur.

### Hazardous Polymerization:

Will not occur.

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## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Toxicity:

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD50/LC50

Sodium sulfate (7757-82-6)

Oral LD50 Mouse : 5989 mg/kg

### Carcinogenicity:

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

Sodium bifluoride (1333-83-1)

ACGIH: As F: A4 - Not Classifiable as a Human Carcinogen (related to Fluorides)

### Chronic Toxicity

Chronic exposure to fluoride compounds may result in fluorosis characterized by calcification of ligaments and severe bone changes which result in painful movements, mottling of the teeth, pulmonary fibrosis, anemia, anorexia, and weight loss.

### Other Toxicological Information:

None available.

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity:

#### A: General Product Information

No data available for this product.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Sodium sulfate (7757-82-6)

Test & Species		Conditions
LC50 (24-96 hr) fathead minnow	13500-14000 mg/L.	soft water.
LC50 (96 hr) bluegill sunfish	13-50 mg/L.	Static.
LC50 (96 hr) mosquito fish	17500 mg/L.	
LC50 (96 hr) water flea	4547 mg/L.	

### Environmental Fate:

No data available for this product.

## \*\*\* Section 13 - Disposal Considerations \*\*\*

Wastes must be tested using methods described in 40 CFR Part 261. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous wastes. State and local regulations may differ from Federal disposal regulations. Dispose of waste material according to Local, State, Federal and Provincial Environmental Regulations.

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## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT Information

Proper Shipping Name      Sodium Hydrogendifluoride, Mixture  
Hazard Class                8  
UN / NA Number            UN2439  
Packing Group              II  
Product RQ (lb)             --

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### A: General Product Information

No additional information available.

#### B: Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

#### Sodium bifluoride (1333-83-1)

CERCLA: final RQ = 100 pounds (45.4 kg)

**SARA 311/312:** Acute: Yes Chronic: Yes Fire: No Pressure: No Reactive: No

### State Regulations

#### A: General Product Information

No additional information available.

#### B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Sodium bisulfate	7681-38-1	No	No	No	No	Yes	No
Sodium bifluoride (' related to Fluorides)	1333-83-1	Yes	No	Yes	Yes'	Yes	Yes
Sodium sulfate	7757-82-6	No	No	Yes	No	No	Yes

### Other Regulations

#### A: General Product Information

All components are on the U.S. EPA TSCA Inventory List.

#### B: Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS
Sodium bisulfate	7681-38-1	Yes	Yes	Yes
Sodium bifluoride	1333-83-1	Yes	Yes	Yes
Sodium sulfate	7757-82-6	Yes	Yes	Yes

#### C: Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Sodium bisulfate	7681-38-1	1% item 1426 (305)

## \*\*\* Section 16 - Other Information \*\*\*

**NFPA Ratings:** Health: 2 Fire: 0 Reactivity: 0 Other:

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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HMIS Ratings: Health: 2\* Fire: 0 Reactivity: 0 Pers. Prot.:

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## Key/Legend:

ACGIH = American Conference of Governmental Industrial Hygienists	NFPA = National Fire Protection Association
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act	NIOSH = National Institute for Occupational Safety and Health
EPA = Environmental Protection Agency	NTP = National Toxicology Program
HMIS = Hazardous Material Identification System	OSHA = Occupational Safety and Health Administration
IARC = International Agency for Research on Cancer	SARA = Superfund Amendments and Reauthorization Act
MSHA = Mine Safety and Health Administration	TSCA = Toxic Substance Control Act

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Chemtech Finishing Systems bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

Contact: Jeff Szotek

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This is the end of MSDS for PICTAX CLASSIC.