

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

071456276

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071456268



# Safety Data Sheet

Issue Date 20-Jun-2013

Revision Date: 25-Jun-2013

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Acrilustre

### Other means of identification

**SDS #** BDM-012  
**Product Code** 00650, 00651

### Recommended use of the chemical and restrictions on use

**Recommended Use** Buffing or polishing compound.

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

#### **Supplier Address**

Buffalo Dental Manufacturing Co. Inc.  
159 Lafayette Drive  
Syosset NY 11791

### Emergency Telephone Number

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

**Company Phone Number** 516-496-7200  
800-828-0203

## 2. HAZARDS IDENTIFICATION

### Classification

**Appearance** Solid pink cake

**Physical State** Solid

**Odor** Mild waxy

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Aluminum Oxide	1344-28-1	Proprietary
Barium Sulfate	7727-43-7	Proprietary

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST-AID MEASURES

##### First Aid Measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Remove to fresh air. Call a physician.
<b>Ingestion</b>	Induce vomiting, but only if victim is fully conscious. Never give anything by mouth to an unconscious person.

##### Most important symptoms and effects

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. Inhalation of the dust may cause coughing and sneezing.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Dry chemical.

**Unsuitable Extinguishing Media** Water may cause frothing.

##### Specific Hazards Arising from the Chemical

Non-flammable.

##### Protective equipment and precautions for firefighters

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

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

<b>Personal Precautions</b>	Use personal protective equipment as required.
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##### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Sweep up and shovel into suitable containers for disposal. Buffing wheel wastes may contain combustible line.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid storing in hot areas.

**Incompatible Materials** Strong alkalis.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum Oxide 1344-28-1	TWA: 1 mg/m <sup>3</sup> respirable fraction	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	-
Barium Sulfate 7727-43-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

### Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Ventilation systems.

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

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Wear protective gloves during grinding operations.

**Respiratory Protection** MSHA or NIOSH approved dust respirators may be required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid	<b>Odor</b>	Mild waxy
<b>Appearance</b>	Solid pink cake	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Pink		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not applicable	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Flash Point	> 149 °C / > 300 °F	
Evaporation Rate	Not applicable	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not applicable	
Vapor Density	Not applicable	
Specific Gravity	>1.2	(1=Water)
Water Solubility	Not Applicable	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong alkalis.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

#### **Eye Contact**

Avoid contact with eyes.

#### **Skin Contact**

Avoid contact with skin.

#### **Inhalation**

Avoid inhalation of dust.

#### **Ingestion**

May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Aluminum Oxide 1344-28-1	> 5000 mg/kg ( Rat )	-	-
Stearic acid 57-11-4	-	> 5 g/kg ( Rabbit )	-

**Information on physical, chemical and toxicological effects****Symptoms**

Please see section 4 of this SDS for symptoms.

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

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Barium Sulfate 7727-43-7	Toxic soluble

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

### US Federal Regulations

#### SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Aluminum Oxide - 1344-28-1	1344-28-1	Proprietary	1.0
Barium Sulfate - 7727-43-7	7727-43-7	Proprietary	1.0

### US State Regulations

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Aluminum Oxide 1344-28-1	X	X	X
Barium Sulfate 7727-43-7	X	X	X

## 16. OTHER INFORMATION

### NFPA

#### **Health Hazards**

Not determined

#### **Flammability**

Not determined

#### **Instability**

Not determined

#### **Special Hazards**

Not determined

### HMIS

#### **Health Hazards**

Not determined

#### **Flammability**

Not determined

#### **Physical Hazards**

Not determined

#### **Personal Protection**

Not determined

**Issue Date** 20-Jun-2013

**Revision Date:** 25-Jun-2013

**Revision Note** New format

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



# Safety Data Sheet

Issue Date: 23-Apr-2015

Revision Date: 19-Aug-2016

Version 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Acrilustre

**Other means of identification**

**SDS#** BDM-012

**Product Code** 00650, 00651

**Recommended use of the chemical and restrictions on use**

**Recommended use** Buffing or polishing compound

**Details of the supplier of the safety data sheet**

**Supplier Address**

Buffalo Dental Manufacturing Co. Inc.

159 Lafayette Drive

Syosset, NY 11791

**Emergency Telephone Number**

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

**Company Phone Number** 516-496-7200

800-828-0203

## 2. HAZARDS IDENTIFICATION

**Classification**

**Appearance** Solid pink cake

**Physical state** Solid

**Odor** Mild waxy

**Hazards Not Otherwise Classified (HNOC)**

May be harmful if swallowed

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Aluminum Oxide	1344-28-1	45.0 - 75.0%

\*The exact percentage (concentration) of composition has been withheld as a trade secret.



#### 4. FIRST-AID MEASURES

##### First-Aid Measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult physician
<b>Skin Contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Remove to fresh air. Call a physician.
<b>Ingestion</b>	Induce vomiting, but only if victim is fully conscious. Never give anything by mouth to an unconscious person.

##### Most important symptoms and effects

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. Inhalation of the dust may cause coughing and sneezing.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically
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#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Dry chemical.

<b>Unsuitable Extinguishing Media</b>	Water may cause frothing
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##### Specific Hazards Arising from the Chemical

Non-flammable

##### Protective equipment and precautions for firefighters

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

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

<b>Personal Precautions</b>	Use personal protective equipment if required.
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##### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Sweep up and shovel into suitable containers for disposal. Buffing wheel wastes may contain combustible line.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling**      Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**              Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid storing in hot areas.

**Incompatible Materials**          Strong alkalis

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum Oxide 1344-28-1	TWA: 1 mg/m <sup>3</sup> respirable fraction	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	-
Barium Sulfate 7727-43-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

### Appropriate engineering controls

**Engineering Controls**              Apply technical measures to comply with the occupational exposure limits. Ventilation systems.

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

**Eye/Face Protection**              Safety glasses.

**Skin and Body Protection**          Wear protective gloves during grinding operations.

**Respiratory Protection**              MSHA or NIOSH approved dust respirators may be required.

**General Hygiene Considerations**      Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Solid	<b>Odor</b>	Mild waxy
<b>Appearance</b>	Solid pink cake	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Pink		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not determined		
<b>Melting Point/Freezing Point</b>	Not determined		
<b>Boiling Point/Boiling Range</b>	Not applicable		

<u>Property</u>	<u>Values</u>	<u>Remarks</u> • <u>Method</u>
Flash Point	>149°C/>300°F	
Evaporation Rate	Not applicable	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not applicable	
Vapor Density	Not applicable	
Specific Gravity	>1.2	(1=Water)
Water Solubility	Not applicable	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Specific Hazards Arising from the Chemical

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong Alkalies.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

#### **Eye Contact**

Avoid contact with eyes.

#### **Skin Contact**

Avoid contact with skin.

#### **Inhalation**

Avoid inhalation of dust.

#### **Ingestion**

May be harmful if swallowed.

**Component Information**

Component Information	Oral LD50	Dermal LD50	Inhalation LC50
Aluminum Oxide 1344-28-1	>5000 mg/kg (Rat)	-	-
Stearic Acid 57-11-4	-	>5 mg/kg (Rabbit)	-

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

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

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Component Information**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national, and local laws and regulations.

**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
Barium Sulfate 7727-43-7	Toxic Soluble

**14. TRANSPORT INFORMATION**

**Note** Please see current shipper paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated.

**IATA** Not regulated.

**IMDG** Not regulated.

**15. REGULATORY INFORMATION****International Inventories**

Not determined.

**US Federal Regulations****SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Aluminum Oxide 1344-28-1	1344-28-1	Proprietary	1.0
Barium Sulfate 7727-43-7	7727-43-7	Proprietary	1.0

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Aluminum Oxide 1344-28-1	X	X	X
Barium Sulfate 7727-43-7	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b>HMIS</b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Physical Hazards</b> Not determined	<b>Personal Protection</b> Not determined

**Issue Date** 20-Jun-2013  
**Revision Date** 19-Aug-2016  
**Revision Note** New Format

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End of Safety Data Sheet