



Clabber Girl Single-Acting SALP-Type Baking Powder- 02381

MSDN Number: 02381

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1. Company and Product Identification

Clabber Girl Corporation

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Clabber Girl Single-Acting SALP-Type Baking Powder

Cornstarch (40%)

Sodium Bicarbonate (30%)

Sodium Aluminum Phosphate (30%)

2. Information on Ingredients

Cornstarch

CAS Number: 9005-25-8

Chemical Name: Starch

Synonyms: Corn starch; corn starch with mineral oil added; corn starch with flow agent added, native starch, unmodified starch.

Sodium Bicarbonate

CAS Number: 144-55-8

Chemical Name: Sodium Bicarbonate

Synonyms: Baking Soda

Sodium Aluminum Phosphate

CAS Number: 10305-76-7

Alternate CAS Number: 7785-88-8
Chemical Name: Sodium Aluminum
Synonyms: SALP

3. Hazards Identification (Per Ingredient)

Cornstarch:

HMIS Rating: Health 1; Fire 1; Reactivity 1

Emergency Overview:

Appearance and Odor: White to slightly yellow powder and starch-like odor.

Warning Statements:

Poses little or no immediate hazard, material will burn, is a very fine powder. Starch products with "Instant" in brand name will absorb water and become sticky: products without the "Instant" designation are water insoluble.

Potential Health Effects:

- **Eye Contact:** Dust may irritate the eyes. Exposure may cause eye tearing, redness, and discomfort.
- **Skin Contact:** Prolonged and repeated contact to skin may cause transient irritation.
- **Inhalation:** Dust may irritate the mucous membranes and respiratory tract. Exposure may cause coughing, asthmatic breathing and breathlessness.
- **Ingestion:** Not an ingestion hazard. This product is generally a food additive. Product is insoluble and may cause gastrointestinal discomfort.

Target organs: Eyes, respiratory system, skin.

OSHA Regulatory Status: Hazardous

Sodium Bicarbonate:

HMIS Rating: Health 0; Fire 0; Reactivity 0

Emergency Overview:

Appearance and Odor: White crystalline powder with no odor.
Not a fire hazard.

Warning Statements:

No significant health or environmental effects associated with this material.

Potential Health Effects:

- **Eye Contact:** Not an eye irritant.

- **Skin Contact:** Not a skin irritant.
- **Inhalation:** None known.
- **Ingestion:** Material is practically non-toxic. Small amounts (1-2 tablespoonfuls) swallowed during normal handling operations are not likely to cause injury as long as the stomach is not overly full: swallowing larger amounts may cause injury
- **Subchronic effects/Carcinogenicity:** Based on published studies on its effects in animals and humans, sodium bicarbonate is not teratogenic or genotoxic. Only known subchronic affect is that of a marked systemic alkalosis. Not classified as carcinogenic by NTP, IARC, OSHA, ACGIH or NIOSH.

Sodium Aluminum Phosphate:

Emergency Overview:

Physical Appearance and Odor:
White powder solid, odorless.

Warning Statements:

CAUTION! MAY CAUSE SKIN< EYE AND RESPIRATORY TRACT IRRITATION.

Potential Health Effects:

Acute Eye:
May cause irritation.

Acute Skin:
Non- irritating.

Acute Inhalation:
Low acute inhalation toxicity. Dusts may cause upper respiratory tract irritation.

Acute Ingestion:
Low acute oral toxicity. Ingestion of large quantities may cause abdominal cramps, nausea, vomiting, diarrhea.

Chronic Effects:

This product does not contain any ingredient designed by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

4. First Aid Measures

Cornstarch:

INHALATION: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

EYE CONTACT: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

SKIN CONTACT: Wash with soap and water. Get medical attention if symptoms occur.

INGESTION: Seek medical advice.

Sodium Bicarbonate:

EYES: Check for and remove contacts. Flood eyes with clean flowing water, low pressure and luke warm (not hot) if possible, occasionally lifting eyelids.

INGESTION: If large amounts of this material are swallowed, do not induce vomiting. Administer water if person is conscious. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Large doses may produce systemic alkalosis and expansion in extracellular fluid volume with edema.

Sodium Aluminum Phosphate:

First Aid Measures for Accidental:

Eye Exposure:

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

Skin Exposure:

In case of contact, wash with plenty of soap and water. Seek medical attention if irritation develops or persists.

Inhalation:

If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

Ingestion:

If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.

Medical Conditions Possibly Aggravated By Exposure:

Inhalation of product may aggravate existing chronic respiratory. Problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

Notes to Physician:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

5. Fire-Fighting Measures

Cornstarch:

Extinguishing Media:	Water spray, dry chemical, carbon dioxide or material appropriate for the surrounding fire.
Unsuitable Extinguishing Media:	None known
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosive Hazards:	Powdered material may form explosive dust-air mixtures.
Hazardous Combustion Products:	Carbon oxides, nitrogen oxides.

Sodium Bicarbonate:

Flashpoint:	Not combustible
Method Used:	Not applicable
Extinguishing Media:	Not-combustible material. Use extinguishing media appropriate for surrounding fire
Fire-Fighting Instructions:	Carbon Dioxide may be generated making necessary the use of a self-contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear). Carbon dioxide is an asphyxiant at levels over 5% w/w. Sodium oxide, another thermal decomposition product existing at temperatures above 1564F is a respiratory, eye, and skin irritant. Avoid inhalation, eye and skin contact with sodium oxide dusts.
Unusual Fire and Explosion Hazards:	None known

Sodium Aluminum Phosphate:

Fire Hazard Data:
Not Applicable.

Extinguishing Media:
Not Combustible. Use extinguishing method suitable for surrounding fire.

Special Fire Fighting Procedures:
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Cool containers exposed to fire with water. Dike area to prevent runoff and

contamination of water sources. Dispose of fire control water later.

Unusual Fire and Explosion Hazards:

Not combustible.

Hazardous Decomposition Materials (Under Fire Conditions):

None known.

6. Accidental Release Measures

Cornstarch:

Personal Precautions: Wear appropriate personal protective equipment.

Spill Cleanup Methods:

Small spills: Sweep up and place in a clearly labeled container for waste. Avoid dust generation.

For large spills: Physical cleanup of starch – while minimizing dust generation, followed by final flushing of spill area with water spray. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

Sodium Bicarbonate:

Scoop up into dry, clean containers. Wash away uncontaminated residue with water.

Sodium Aluminum Phosphate:

Evacuation Procedures and Safety:

Ventilate closed spaces before entering. Wear appropriate protective gear for the situation. See personal protection information in Section 8.

Containment of Spill:

Follow procedures described below under Cleanup and Disposal of Spill.

Cleanup and Disposal of Spill:

Sweep up and place in an appropriate closed container (see Section 7: Handling and Storage). Avoid creation of dusty conditions. Clean up residual material by washing area with water. Collect washings for disposal.

Environmental and Regulatory Reporting:

Do not flush to drain. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

7. Handling and Storage

Cornstarch:

Handling: Proper sanitation with food grade products is essential. Wear appropriate personal protective equipment. Avoid contact with eyes. Avoid breathing dust. Avoid dust generation. Wash thoroughly after handling. Use only with adequate ventilation.

Prevention of Fire and Explosion: Keep away from heat and ignition sources. Keep from contact with oxidizing materials. Minimize dust generation and accumulation. Avoid welding in area of dry product if there is a high concentration of dust. In the United States, refer to NFPA Pamphlet No.654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

Storage: Store container in a well-ventilated odor-free area with dry conditions. Starches stored beyond the best before date should be tested periodically for fitness for use.

Bulk Storage: Bulk storage vessels are recommended to be fitted with dust control equipment and explosion protection devices.

Sodium Bicarbonate:

Store in cool, dry area and away from incompatible substances.

Sodium Bicarbonate reacts with acids to yield carbon dioxide gas which can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide and oxygen levels have been determined to be safe.

Sodium Aluminum Phosphate:

Minimum/Maximum Storage Temperatures:

Not Available.

Handling:

Avoid direct or prolonged contact with skin and eyes. Avoid breathing dusts. Keep containers closed when not being used.

Storage:

Store in tightly closed containers. Store in an area that is sanitary, dry, cool, isolated from all toxic and harmful substances.

8. Exposure Control/Personal Protection

Cornstarch:**Exposure Limits:**

Chemical Name	Source	Type	Exposure Limits	Notes
Starch, respirable fraction	NIOSH	TWA	5 mg/m ³	-
Starch, total dust	NIOSH	TWA	10 mg/m ³	-
Starch	ACGIH	TWA	10 mg/m ³	Dermatitis, ling
Starch, respirable fraction	OSHA	TWA	5 mg/m ³	-
Starch, total dust	OSHA	TWA	15 mg/m ³	-
Starch, respirable fraction	Cal OSHA	TWA	5 mg/m ³	-
Starch, total dust	Cal OSHA	TWA	10 mg/m ³	-
Starch, respirable fraction	Oregon Table Z-1	TWA	5 mg/m ³	-
Starch, total dust	Oregon Table Z-1	TWA	10 mg/m ³	-
Starch	Alberta	TWA	10 mg/m ³	-
Starch, respirable fraction	British Columbia	TWA	3 mg/m ³	-
Starch, total dust	British Columbia	TWA	10 mg/m ³	-
Starch, total dust	Ontario	TWA	10 mg/m ³	-
Starch, total dust	Quebec	TWA	10 mg/m ³	-

Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable), or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA standard 63 FR 1152, January 8, 1998. Respirator type: Dust.

Eye Protection: Wear safety glass with side shields (or goggles). Wear a full faced respirator if needed.

Skin Protection: Wear suitable protective clothing and footwear appropriate for the risk of exposure.

Hygiene Measures: Eye wash, washing facilities

Sodium Bicarbonate:

Respiratory Protection: Dust mask required if total dust level exceeds 10 mg/m³.

Protection Gloves: General purpose for handling dry products. Impervious gloves when working with solutions.

Eye Protection: Safety glasses when handling bulk material or when dusts are generated.

Other Protective Clothing or Equipment: Full cover clothing. Apron where splashing may occur when working with solutions.

Sodium Aluminum Phosphate:

Introductory Remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13 : Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

Exposure Guidelines:

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements. The following limits apply to this material, where, if indicated, S=skin and C=ceiling limit:

Particulates Not Otherwise Regulated Respirable Fraction

OSHA	Notes	TWA	STEL
		5 mg/cu m	

Particulates Not Otherwise Regulated Total Dust

OSHA	Notes	TWA	STEL
		15 mg/cu m	

Engineering Controls:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

Respiratory Protection:

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate OSHA, WHMIS or ANSI standard (s) : dust/mist filtering respirator.

Eye/Face Protection:

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

Skin Protection:

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

Work Practice Controls:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not use, and /or consume foods, beverages, tobacco Products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

9. Physical and Chemical Properties**Cornstarch:**

Color:	White to slightly yellow
Odor:	Starch-like
Physical State:	Solid (powder)
pH:	No data available
Melting Point:	Decomposes
Freezing Point:	Not applicable

Boiling Point:	Decomposes
Flash Point:	Noncombustible solid – May form explosive mixture with air
Evaporation Rate:	Not applicable
Flammability:	Non-combustible solid- May form explosive mixture with air.
Vapor Pressure:	Not applicable
Vapor Density (Air=1):	Not applicable
Specific Gravity:	Not applicable
Bulk Density:	0.40 – 0.90 kg/l
Viscosity (25 degrees C)	Not applicable
Viscosity (40 degrees C)	Not applicable
Solubility in Water:	In soluble, although pregelatinized products will absorb water
Percent Volatile by	
Weight (%) Moisture:	No data available
Partition Coefficient	
(n-Octanol/water):	No data available
Decomposition Temperature:	No data available

Sodium Bicarbonate:

Appearance:	white crystalline powder
Odor:	None
Physical state:	Solid
pH as is:	Not applicable
pH (1% SOLN. w/v):	8.2
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Boiling Point:	Not applicable
Freezing/Melting Point:	Not applicable
Solubility in Water:	8.6g/100ml @20 degrees C
Bulk Density (g/cc):	62 lb/Ft3
% Volatile:	Not applicable
Volatile Organic Compounds:	Not applicable
Molecular weight:	84.02

Sodium Aluminum Phosphate:

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the product information phone number in Section 1 for its exact specifications.

Physical Appearance:

White powder solid.

Odor:

Odorless.

pH:

2.7 at 1 wt/wt%.

Specific Gravity:

Not Available.

Density:

0.45 g/ml at 25 c (77 F).

Water Solubility:

Slightly Soluble

Melting Point Range:

Not Available.

Boiling Point Range:

Not Available.

Vapor Pressure:

Not Available.

Vapor Density:

Not Available.

10. Stability and Reactivity

Cornstarch:

Stability: Explosive Properties: Starches may form explosive mixtures in certain conditions.

Starches are a class St1 dust at normal moisture level.

Lower Explosion Limit: 60g/m³

Minimum Ignition Energy (MIE): >30mJ at normal moisture level.

Pmax: 9.5 bar

Kst: 170 bar. m/s

Layer Ignition Temperature: >450 degrees C

Autoignition temperature: 170 degrees C: Above this temperature, starch will self heat.

Conditions to Avoid: High humidity, ignition sources, excessive dusting
Incompatible Materials: Oxidizers, acids, iodine, alkalis
Hazardous Decomposition Products: Carbon oxides
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Sodium Bicarbonate:

Chemical Stability: Stable

Conditions to Avoid: Temperature above 65 degrees C (150 degrees F).

Incompatibility with Other Materials: Reacts with acids to yield carbon dioxide. Also may yield free caustic in presence of lime dust (CaO) and moisture (i.e., water, perspiration).

Hazardous Decomposition Products: Heating above 100 degrees C may cause dangerous levels of carbon dioxide gas to be present in confined spaces. Yields sodium oxide if exposed to temperatures above 850 degrees C. Avoid inhalation, eye and skin contact with sodium oxide.

Sodium Aluminum Phosphate:

Chemical Stability:

This material is stable under normal handling and storage conditions described in Section 7.

Conditions to be Avoided:

Dusting conditions.

Extreme humidity.

Materials/Chemicals to be Avoided:

None known.

The Following Hazardous Decomposition Products Might be Expected:

Decomposition Type: thermal

None known.

Hazardous Polymerization will not Occur.

Avoid The Following to Inhibit Hazardous Polymerization:

Not Applicable.

11. Toxicological Information

Cornstarch:

Corn starch is considered nontoxic.

Chemical Name	Test Results
Corn Starch	Skin Irritation (human): 300 µg/3D-1: Mild irritant effect
Corn Starch	Intraperitoneal LD50 (mouse): 6600mg/kg

Carcinogens: None

Sodium bicarbonate:

Eye Effects: The material was minimally irritating to unwashed eyes and practically non-irritating to washed eyes (rabbits)

Skin Effects: Not a skin irritant or dermally toxic. Not a contact sensitizer.

Acute oral effects: Acute Oral-rat LD50 = 7.3 g/kg.

Acute inhalation: LC 50 (rat) > 4.74 mg/l

Sodium Aluminum Phosphate:

Acute Eye Irritation:

Toxicological Information and Interpretation

Eye – eye irritation, 100 mg, rabbit.

Mildly irritating. Data for sodium aluminum phosphate.

Acute Skin Irritation:

Toxicological Information and Interpretation

Skin – skin irritation, 500 mg/24 hr, rabbit.

Non-irritating. Data for sodium aluminum phosphate.

Acute Dermal Toxicity:

Toxicological Information and Interpretation

LD50 – lethal dose 50% of test species, > 2000 mg/kg, rat.

Data for sodium aluminum phosphate

Acute Respiratory Irritation:

No test data found for product.

Acute Inhalation Toxicity:

No test data found for product.

Acute Oral Toxicity:

Toxicological Information and Interpretation

LD50 – lethal dose 50% of test species, > 5000 mg/kg, rat.

Data for sodium aluminum phosphate.

Chronic Toxicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be “probable” or “suspected” human carcinogens.

No additional test data found for product.

12. Ecological Information

Cornstarch:

There is no data on the ecotoxicity of this product. Starch is a carbohydrate polymer in many types of plants. It is not expected to pose an ecological risk.

Sodium Bicarbonate:

Aquatic Toxicity:

Daphnides: EC50=4100mg/l.

Bluegill: LC50=7100mg/l.

Rainbow Trout: LC50=7700 mg/l

Persistence: This product is not expected to persist in the environment.

Bioaccumulation: This product is not expected to bioaccumulate.

Sodium Aluminum Phosphate:

Ecotoxicological Information:

No data found for product.

Chemical Fate Information:

No data found for product.

13. Disposal Considerations

Cornstarch:

Dispose of waste and residues in accordance with local authority requirements. Incinerate or landfill.

Container: Since emptied containers retain product residue, follow label warnings even after container is emptied.

Sodium Bicarbonate:

Bury in a secured landfill in accordance with all local, state, and federal environmental regulations. Empty containers may be incinerated or disregarded as general trash.

Sodium Aluminum Phosphate:**Waste Disposal Method:**

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

Container Handling and Disposal:

Rinse containers before disposal.

EPA Hazardous Waste – No

14. Transportation Information:**Cornstarch:**

DOT: Not Regulated
TDG: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

Sodium Bicarbonate:

D.O.T. Shipping Name: Not regulated
Technical Shipping Name: Sodium Bicarbonate
D.O.T. Hazard Class: None
U.N./N.A. Number: None
Hazardous Substance/RQ: None
D.O.T. Label: None

Sodium Aluminum Phosphate:

Transportation Status: IMPORTANT! Statements below provide additional data on listed DOT classification.

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

US Department of Transportation

Shipping Name:

Not Regulated

15. Regulatory Information

Cornstarch:

Canadian Controlled Products Regulations: This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the MSDS contains all required information.

WHMIS Classification: Noncontrolled

Mexican Dangerous Statement: None

Inventory Status:

This product is listed on the following inventories: TSCA, DSL. This product is exempt by the FDA and Canadian Food and Drug Act.

TSCA: This substance exempt from reporting under the Inventory Update Rule.

Categorization of Existing Substances on DSL: Starch

Substance Category: UBIO: UVCBs: Biological

Meets CEPA criteria: No

Meets human health criteria: No

Human health priority: Low

Meets environmental criteria: no

Persistent: Uncertain

Bioaccumulative: Uncertain

Inherently toxic to aquatic organisms: No

US regulations

CERCLA Hazardous Substance List (40 CFR 302.4): none

SARA Title III

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None

Section 311/312 (40 CFR 370):

Acute (Immediate): X **Chronic (Delayed):** **Fire:** **Reactive:** **Pressure Generating:**

Section 313 Toxic Release Inventory (40 CFR 372): None

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40CFR 68.130): None

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None

Drug Enforcement Act

Drug Enforcement Administration (DEA) List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f) (2)): Not applicable

FDA Status: Everything Added to Food in the United States (EAFUS) Database: Starch unmodified; FDA/CFSAN Database of Indirect Food Additives: PAFA Document Number 2801; Corn starch is considered GRAS (Generally Recognized as Safe).

Section 403(i) of the Federal Drug and Cosmetic Act, and Section 4 (a)(1) of the Fair Packaging and Labeling Act, the term "starch" is considered the common or usual name for starch made from corn: alternatively, the name "corn starch" may be used. 21 CFR 172.878

Canada FDR: B.13.011 Corn starch

Kosher status: Kosher certified

Halal Status: Halal certified

State Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): None

Illinois Toxic Substances Disclosures to Employees Act: Starch

Indiana Occupational Health and Safety Standards; Air Contaminants: Starch, respirable fraction; starch, total dust.

Kentucky Occupational Health and Safety Standards; Air Contaminants: Starch, respirable fraction; starch, total dust

Massachusetts Right-to-Know List: Starch dust

Minnesota Hazardous Substance List: Starch

New Jersey Right-to Know List: None

North Carolina Exposure Limits for Air Contaminants: Starch, respirable fraction; starch, total dust

Pennsylvania Right-to Know List: Starch

Rhode Island Right-to Know List: Starch

Sodium Bicarbonate:

Clean Air Act Section 611: Material neither contains nor is it manufactured with ozone depleting substances (ODS).

Federal Water Pollution Control Act (40 CFR 401.15): Material contains no intentionally added or detectable (contaminant) levels of EPA priority toxic pollutants.

Food and Drug Administration: Generally Recognized as Safe (GRAS) direct food additive (21 CFR 184.1736).

US Department of Agriculture: List of Proprietary Substances – Permitted Use Codes 3A, J1, A1, G1, and L1

CERCLA Reportable Quantity: None

OSHA: Not hazardous under 29 CFR 1910.1200

RCRA: Not a hazardous material or a hazardous waste by listing or characteristic

SARA Title III:

Section 302, Extremely Hazardous Substances: None

Section 311/312, Hazardous Categories: Non-hazardous

Section 313, Toxic Chemicals: None

Sodium bicarbonate is reported in the EPA TSCA Inventory List

Contains no VOCs.

National Stocking Number: 6810002646618. Contract No. DLA 40086C1831

NSF Standard 60: Corrosion and Scale Control in Potable Water. Max use 200 mg/1.

Canada-DSL

European Inventory (EINECS): 205-633-8

Japanese Inventory (MITI): 1-164

Australian Inventory (AICS): Carbonic acid, monosodium salt.

Sodium Aluminum Phosphate:

INVENTORY STATUS

INVENTORY	Status
UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	Y
AUSTRALIA (AICS)	Y
JAPAN (MITI)	N
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredient are not on the inventory and not exempt from listing.

Federal Regulations

Inventory Issues:

All functional components of this product are listed on the TSCA inventory.

SARA Title III Hazard Classes:

Fire Hazard - NO

Reactive Hazard - NO

Release of Pressure - NO

Acute Health Hazard - YES

Chronic Health Hazard - NO

Other Federal Regulations:

FDA Status:

This product meets the compositional requirements of:

21 CFR 182.1781 Sodium Aluminum Phosphate**State Regulations:**

This product does not contain any components that are regulated under California Proposition 65.

16. Other Information**Sodium Aluminum Phosphate:****National Fire Association Hazard Ratings—NFPA(R):**

1 Health Hazard Ratings—Slight
0 Flammability Rating—Minimal
0 Instability Rating—Minimal

National Paint & Coating Hazardous Materials Identification System—HMIS(R):

1 Health Hazard Rating—Slight
0 Flammability Rating—Minimal
0 Reactivity Rating—Minimal

Reason for Revisions:

Regulatory Review and Update.

Format Revision June 1, 2009 – Clabber Girl Research and Development

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