

Material Safety Data Sheet

NIAGARA® Non-Aerosol Spray Starch

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16-027-021

SECTION #1 – PRODUCT AND COMPANY IDENTIFICATION

Product: NIAGARA® Non-Aerosol Spray Starch

Phoenix Brands
2855 N. Franklin Rd., #7
Indianapolis, Indiana 46219 USA

Consumer Service Telephone Number: 1-866-794-0800
Emergency Contact: PROSAR IPC
Emergency Phone Number: 1-866-794-0800

Product Description: Aqueous solution/suspension of starch in a non-aerosol manual spray container.

SECTION #2 – COMPOSITION, INFORMATION ON INGREDIENTS

Product Component: Starch (CAS No. 9005-25-8)
OSHA PEL: 15 mg/m₃ (total dust); 5 mg/m₃ (respirable fraction)
ACGIH TLV: 10 mg/m₃

SECTION #3 – HAZARDS IDENTIFICATION

Route of Exposure - Inhalation

Under normal conditions of use, there are no known health hazards from inhalation.

Route of Exposure - Skin

The constituents are not skin irritants nor are they known to be allergenic.

Route of Exposure - Eyes

The product is non-irritating. Contact with the eyes may produce temporary discomfort due to the presence of foreign objects.

Route of Exposure - Ingestion

The product is non-irritating. Ingestion may cause temporary discomfort in the mouth and upper gastrointestinal tract.

SECTION #4 – FIRST AID MEASURES

First Aid - Inhalation

Give the subject access to fresh air. If symptoms do not resolve quickly, seek medical assistance.

First Aid - Skin

If skin irritation occurs in use, seek medical assistance.

First Aid - Eyes

Flush affected areas with water for at least 15 minutes. Seek medical assistance if required.

First Aid - Ingestion

Treat symptomatically. If the individual is unconscious or convulsive, seek medical assistance.

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SECTION #5 – FIRE FIGHTING MEASURES

Propellant: Flash Point: Not Applicable Autoignition Temperature: Not Applicable
Lower Explosive Limit: Not Applicable Upper Explosive Limit: Not Applicable

Fire and Explosion Hazards

Some components of this product may decompose when exposed to flame, very high temperatures, or by reaction with incompatible materials (see section #10 for incompatible materials). Fires or explosions involving this product may emit carbon monoxide, smoke, and/or irritant gases as decomposition byproducts.

Extinguishing Media

Not Applicable (non-flammable mixture)

Special Fire Fighting Instructions

Use self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

SECTION #6 – ACCIDENTAL RELEASE MEASURES

Steps to be Taken in The Event of Spills, Leaks, or Release

Evacuate all non-essential personnel and ventilate the area. Contents of bottles may be flushed away with large quantities of water. If covered by product, floors may be slippery.

Waste Disposal Methods

Dispose of unused containers of product in accordance with applicable Federal, State/Provincial, and local regulations.

SECTION #7 – HANDLING AND STORAGE

Store in a cool, dry place away from flames and incompatible materials (see Section #10). Keep containers tightly closed.

SECTION #8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation

Mechanical ventilation is not required under normal conditions of use.

Eye Protection

Eye protection is not required under normal conditions of use. If eye contact is likely, wear eye protection.

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SECTION #8 – EXPOSURE CONTROLS/PERSONAL PROTECTION CONTINUED...

Skin Protection

Skin protection is not normally required. If gloves are desired for protection against irritation, water-impervious types (e.g. rubber, PVA, or nitrile) are recommended.

Respiratory Protection

Respiratory protection is not normally required. If this product is used in a manner that generates airborne mist not controlled by ventilation, wear a NIOSH-approved respirator with filters for protection against dusts (type N95 or better). For guidance on the selection and use of respiratory protection, consult American National Standard Z88.2-1992 (ANSI, New York, NY 10036 USA).

SECTION #9 – PHYSICAL AND CHEMICAL PROPERTIES

Product:	Solubility (H ₂ O): soluble	Percent Volatiles: not applicable
	Vapor pressure: not applicable	Evaporation Rate: not applicable
	Appearance: milky translucent aqueous mixture, floral odor	

SECTION #10 – STABILITY AND REACTIVITY

Conditions to Avoid

This product is stable when maintained at room temperature. Hazardous polymerization will not occur.

Incompatible Materials

Product should not be exposed to mists or acidic, alkaline, or corrosive chemicals in storage or use.

Hazardous Decomposition Products

If the product is consumed by flame, thermal decomposition byproducts may include carbon monoxide, carbon dioxide, and smoke. Hazardous polymerization will not occur.

SECTION #11 – TOXICOLOGICAL INFORMATION

Carcinogenicity: None of the components of this product are classified as potential or demonstrated human carcinogens by IARC, NTP, or OSHA.

SECTION #12 – ECOLOGICAL INFORMATION

Component (CAS No.)	LD ₅₀ (Route/Species)	LC ₅₀ (Route/Species)
Starch (9005-25-8)	No data available	No data available

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SECTION #13 – DISPOSAL CONSIDERATIONS

Dispose of unused containers of product in accordance with applicable Federal, State/Provincial, and local regulations.

SECTION #14 – TRANSPORTATION INFORMATION

WHMIS Hazard Classification(s): none applicable

SECTION #15 – REGULATORY INFORMATION

Controlled Products Regulations (Canada) Information

SARA Title III - Hazard Class(es): None applicable

SARA Title III - Section 313 Supplier Notification: This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

SECTION #16 – OTHER INFORMATION – DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these which are commonly used include the following: CAS #: This is the Chemical Abstract Service Number which uniquely identifies each constituent. It is used for computer-related searching. EXPOSURE LIMITS IN AIR: ACGIH – American Conference of Governmental Industrial Hygienists, a professional association which establishes exposure limits. TLV – Threshold Limit Value – an airborne concentration of a substance which represents conditions under which it is generally believed that nearly all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average (TWA), the 15-minute Short Term Exposure Limit (STEL), and the instantaneous Ceiling Limit. Skin adsorption effects must also be considered.

OSHA – U. S. Occupational Safety and Health Administration. PEL – Permissible Exposure Limit – this exposure value means exactly the same as a TLV, except that it is enforceable by OSHA. NIOSH is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. Occupational Safety and Health Administration (OSHA). NIOSH issues exposure guidelines called Recommended Exposure Levels (RELs). FLAMMABILITY LIMITS IN AIR: Much of the information related to fire and explosion is derived from the National Fire Protection Association (NFPA). LEL – the lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source. UEL – the highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.

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