

28910-1040

Rec'd 1-11-06

MATERIAL SAFETY DATA SHEET

MSDS NO.: ES-1

Best Foods, CPC International, Inc.
 Box 8000
 Englewood Cliffs, NJ 07632-9976
 Telephone: 201-894-4000

Page 1 of 2
 Date: 4/23/92
 Prepared by: B. Linke

-----SECTION I -- IDENTIFICATION-----

PRODUCT/TRADE NAME: EDIBLE CORN STARCH (ARGO, KINGSFORD AND MAIZENA)

CHEMICAL NAME: Food Corn Starch
 CHEMICAL FAMILY: Carbohydrate (Starch)
 FORMULA: N/A

CAS NO.: 9005-25-8

MFPA RATINGS (SCALE 0-4): HEALTH: 0 FIRE: 0 REACTIVITY: 0

-----SECTION II -- HAZARDOUS INGREDIENTS-----

INGREDIENTS (IN MIXTURE) % TLV UNITS

All ingredients in this product are approved by the U.S. Food and Drug Administration as published in applicable sections of 21CFR as safe for their intended use.

-----SECTION III - PHYSICAL DATA-----

BOILING POINT: N/A F (C): SOLUBILITY IN WATER: Insoluble
 VAPOR PRESSURE (mm Hg): N/A % VOLATILE (BY VOLUME): N/A
 VAPOR DENSITY (Air=1): N/A EVAPORATION RATE (___=1): N/A
 SPECIFIC GRAVITY (H₂O=1): 1.5

APPEARANCE & ODOR: Powder, cereal odor

-----SECTION IV - FIRE & EXPLOSION HAZARD DATA-----

FIRE & EXPLOSION HAZARD: Flammable limits - 715F (lower)

FLASH POINT: NA (METHOD)
 EXPLOSION LIMIT: UPPER N/A % LOWER 0.04 oz./cu. ft.
 AUTOIGNITION TEMP: N/A
 FLAMMABILITY CLASS (OSHA): N/A
 FIRE FIGHTING MEDIA: Water, CO₂, Foam

SPECIAL FIREFIGHTING PROCEDURES OR HAZARDS: Starch dust - hazardous mixtures 0.04 oz./cu. ft. - min. explosive limit. No defined maximum limit. Min. electrical energy 40 millijoules.

N/A = NOT APPLICABLE

SECTION 6 - TOXICOLOGICAL PROPERTIES AND HEALTH HAZARD DATA**EFFECTS AND HAZARDS OF ACUTE EXPOSURE:**

- INHALATION:** Can be irritating to the respiratory tract. Symptoms include sneezing and slight nose irritation.
- EYE CONTACT:** Mild irritation. Symptoms include watering and irritation.
- SKIN CONTACT:** Repeated or prolonged exposure may have a drying effect on the skin. May cause mild skin irritation. Symptoms include redness and irritation.
- INGESTION:** Ingestion of very large quantities may result in intestinal obstruction and/or constipation.

EFFECTS AND HAZARDS OF CHRONIC OVEREXPOSURE:

There are no reported health effects associated with repeated or prolonged exposure to pure calcium carbonate. Chronic exposure to respirable limestone dust at concentrations exceeding occupational exposure limits may increase the risk of developing pneumoconiosis (lung disease).

These products contain crystalline silica (quartz) as an impurity. Prolonged exposure to respirable crystalline silica dust at concentrations exceeding occupational exposure limits may increase the risk of developing a disabling lung disease called silicosis. Crystalline silica has been reviewed by IARC and they have found limited evidence for pulmonary carcinogenicity in humans.

SECTION 7 - PREVENTIVE MEASURES

- HANDLING:** Engineering control methods such as (but not limited to) process enclosure and exhaust ventilation may be necessary to control exposures. Supply sufficient replacement air to make up for air removed by exhaust systems. If engineering controls and work practices are not effective in controlling exposures, appropriate personal protective equipment including a NIOSH/OSHA approved dust respirator should be worn.
- When prolonged or repeated contact with hands is likely, the use of appropriate gloves is recommended.
- Safety glasses with side shields should be worn as minimum eye protection.
- STORAGE CONDITIONS:** Store in closed containers in a dry place separate from incompatible materials.
- SPILL AND LEAK PROCEDURES:** Measures may be necessary to reduce and protect against airborne dust during cleanup operations, including use of respiratory protective equipment.
- DISPOSAL:** From a waste perspective, these products are not considered hazardous and may be disposed of as a solid waste in accordance with applicable federal, state, provincial, and local regulations.

SECTION 8 - FIRST AID MEASURES

- INHALATION:** Remove to fresh air. Obtain medical advice if required.
- EYE CONTACT:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water, for 10 minutes, holding the eyelid(s) open. If irritation persists, obtain medical advice immediately.
- SKIN CONTACT:** Wash with warm water and mild soap. If irritation occurs, obtain medical advice immediately.
- INGESTION:** Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Rinse mouth thoroughly with water. Do not induce vomiting. Drink 8 to 10 ounces (240 to 300 ml) of water to dilute material in stomach. Obtain medical advice immediately.

SECTION 9 - PREPARATION INFORMATION FOR MATERIAL SAFETY DATA SHEET

Prepared by Technical Support Group

September 1, 1996

The information contained herein has been compiled by PLUESS-STAUFER (CALIFORNIA), Inc. from sources it considers reliable, and is accurate to the best of PLUESS-STAUFER (CALIFORNIA)'s knowledge. Before using the product identified hereon, the foregoing MSDS and the product label should be read carefully. The information contained herein relates only to the product identified hereon, and does not relate to its use in combination with any other material or in any process. Customers are encouraged to conduct their own tests concerning the use of the product identified hereon as each customer's manner and conditions of use and handling may involve additional considerations. PLUESS-STAUFER (CALIFORNIA), Inc. assumes and shall incur no liability for any damages, losses, injuries, costs, or consequential damages that may result from the use or misuse of the product identified hereon, and the recipient assumes all of such liability.

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MSDS NO.: ES-1

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME: EDIBLE CORN STARCH (ARGO, KINGSFORD & MAIZENA) PAGE 2 OF 2

-----SECTION V - HEALTH HAZARD DATA-----

THRESHOLD LIMIT VALUE: No hazard

EFFECTS OF OVERDOSE OR OVEREXPOSURE: None known

EMERGENCY OR FIRST AID PROCEDURE: N/A

-----SECTION VI - REACTIVITY DATA-----

CONDITIONS CONTRIBUTING TO INSTABILITY: Stable

INCOMPATIBLE MATERIALS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION POTENTIAL: Will not occur

CONDITIONS TO AVOID: Hazardous dust conditions exceeding 0.04 oz./cu. ft.

-----SECTION VII - SPILLS OR LEAK PROCEDURES-----

CONTAINMENT OF LEAKS OR SPILLS AND WASTE DISPOSAL METHODS: Dry sweep for disposal. Dry disposal.

-----SECTION VIII - SPECIAL PROTECTION & PRECAUTIONS-----

VENTILATION (TYPE): Mechanical EYE PROTECTION: None required

RESPIRATOR: TC-21-C-132-3M #8710 GLOVES: None required

HANDLING, STORAGE, OTHER PRECAUTIONS:
Normal dry storage, ambient temperature. Avoid dust buildup sufficient to cause explosion hazard. If starch dust buildup is anticipated in the usage area, explosion proof electrical equipment and outlets must be installed.

The foregoing data has been compiled from sources which the company, in good faith, believes to be dependable and is accurate and reliable to the best of our knowledge and belief. However, the company cannot make any warranty or representation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damage relating thereto or for advising you regarding the protection of you, employees or others. (Users should make their own tests to determine the applicability, of such information or the suitability of any products for specific use.

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4/23/92

*Charcoal
Pounce Powder*

Pg. 1 c

MATERIAL SAFETY DATA SHEET

I. CHEMICAL IDENTIFICATION

NAME: Pounce Powder/LUMP CHARCOAL MESQUITE NATURAL CHUNK CAS NO. 16291-96-6
DESCRIPTION: BLACK SOLID CHUNKS ODORLESS RTECS NO. FL7243500

OTHER DESIGNATIONS

Lump wood Charcoal.
Mesquite Charcoal

MANUFACTURER

Hancy Mfg. Co.
5324 Pheasant Lane
Montague, CA 96064

EMERGENCY PROCEDURE

Notify your supervisor
or call your local
poison control center.

II. HAZARDOUS INGREDIENTS

Ingredient	Concentration	Worker Exposure Limit
Char Dust	Varies	*2 mg/m ³ (Respirational)

*Based on coal dust TLV-TWA established by ACGIH (1985-86).

None of the ingredients of this product are on the IARC, NTP, or OSHA carcinogen list.
Char dust is produced as a result of lump breakage.

III. PHYSICAL DATA

Melting Point: Greater than 3000 degrees C
Solubility in Water: Insoluble
Color/From: Black, Solid Chunks

IV. FIRE AND EXPLOSION HAZARD DATA

This product consists of some combustible materials. To extinguish fire, use water spray, foam, dry chemical or carbon dioxide.

V. HEALTH HAZARD DATA

Repeated (chronic) or prolonged overexposure to the dust may cause coughing, shortness of breath and occupational lung disease. No medical conditions are known to be aggravated by exposure to this product. Due to the packaging and probable use conditions, the likelihood of any chronic effects are low.
First Aid: EYE CONTACT - Flush eyes immediately with plenty of water. SKIN CONTACT - Wash exposed area with soap and water. INGESTION - Not an apparent hazard. INHALATION - If breathing problems develop, remove to fresh air. Dust may irritate eyes. Possible sensitizer.

VI. REACTIVITY DATA

Stable under normal use and storage conditions. incomplete combustion may form carbon monoxide

VII. SPILL OR LEAK PROCEDURES

Keep container closed when not in use to avoid spillage.

VII. SPECIAL PROTECTION INFO

Hygienic Practices: In an occupational exposure, wear safety glasses, gloves and dust respirator.
Engineering Controls: Use general ventilation to minimize exposure to dust.
Work Practices: Avoid eye contact and inhalation of dust.

IX. SPECIAL PRECAUTIONS

WARNING: DO NOT USE FOR INDOOR HEATING OR COOKING UNLESS VENTILATION IS PROVIDED FOR EXHAUSTING FUMES TO OUTSIDE. TOXIC FUMES MAY ACCUMULATE AND CAUSE DEATH. STORE AWAY FROM OPEN FLAMES AND MOISTURE.

Material Safety Data Sheet

PLUESS-STAUER (CALIFORNIA), Inc.
Lucerne Valley, California
A Pluess-Stauer Company



SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product: Calcium Carbonate (Limestone)

STCC #: 3295990

CAS #: 1317-65-3

Chemical Formula: CaCO₃

Trade Names:	OMYATEX	OMYACARB 2	OMYACARB 8	OMYACARB 30	OMYACARB HP
	OMYACARB 2T	OMYACARB 3	OMYACARB 10	TITAN 200	OMYACARB CP
	OMYACARB 3T	OMYACARB 4	OMYACARB 15	OMYACARB 100	OMYACARB BP
	OMYACARB 4T	OMYACARB 5	OMYACARB 20	OMYACARB MP	

Product Uses: Mineral Filler and Pigment

Manufacturer's Name: PLUESS-STAUER (CALIFORNIA), Inc.

Address: P.O. Box 825, Crystal Creek Rd., Lucerne Valley, CA 92356

Telephone #: (619) 248-7306

SECTION 2 - HAZARDOUS INGREDIENTS

Ingredients:	% by WL:	CAS #:	Exposure Limits:
Limestone*	> 99	1317-65-3	ACGIH TLV: Total dust, 10 mg/m ³ TWA OSHA PEL: Total dust, 15 mg/m ³ TWA Respirable dust, 5 mg/m ³ TWA
*Silica, quartz (naturally-occurring component of limestone)	< 0.6	14808-80-7	ACGIH TLV: Respirable dust, 0.1 mg/m ³ TWA OSHA PEL: Respirable dust, 0.1 mg/m ³ TWA

Hazardous Materials Identification System:
(National Paint & Coatings Association)

Category	Rating
Health	1
Flammability	0
Reactivity	0
Personal Protection	2

SECTION 3 - PHYSICAL CHARACTERISTICS

Density: 2.7 g/ml

Appearance and Odor: White powder; no odor.

Solubility in Water: 1.3 mg/100 g @ 18°C (untreated calcium carbonate)

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: Non-flammable.

Special Firefighting Procedures: None.

Unusual Fire and Explosion Hazards: None.

SECTION 5 - REACTIVITY DATA

Stability: Stable.

Hazardous Decomposition Products: None.

Reactivity in Water: None.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Reacts with strong acid to liberate carbon dioxide.

Material Safety Data Sheet - page 1 of 2 - PLUESS-STAUER (CALIFORNIA), Inc.

Material Safety Data Sheet

Hancy Mfg. Company
Montague, CA 96064
Phone (530) 459-1028
Fax (530) 459-0528

Revised May 21, 1997

PRODUCT IDENTIFICATION Refill Chalk, Blue or White

HANCY PART NUMBER 606S, 707S

COMPONENT MATERIALS

This material is composed of a mixture of Calcium Carbonate, cornstarch and in the case of the Blue, a coloring pigment.

White:

The Calcium Carbonate is at least sixty-six percent (66%) by weight. The remaining 34% is cornstarch.

Blue:

The Calcium Carbonate is at least 55%, cornstarch 30% and Ultramarine Blue Chalk 15%.

CALCIUM CARBONATE

The trade name is Omyacarb.

Supplied by:

Pluess-Stauffer (California), Inc.
Lucerne Valley, CA 92356

CORNSTARCH

Supplied by:

United Grocers
Medford, Oregon

ULTRAMARINE BLUE CHALK

The pigment designation is Blue 29

Supplied by:

Ferro Corporation
Cleveland, OH

Copies of each MSDS for the above mentioned material are attached and are part of this MSDS. This cover sheet and attached MSDS's are designed to meet requirements under the OSHA Hazard Communication Standard (29 CFR 1910.1200) and SARA Title III Section 313.