



## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **PERFECT POWDER**

APPLICATION: ALUMINUM, MAGNESIUM SILICATE CLAY, HYDRATED. INHIBITS FORMATION OF THE LITHIUM DISILICATE PRESSING REACTION LAYER.

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053,**

### SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)

**WARNING:** MILD IRRITANT TO SKIN AND EYES.



SECTION 2A: PHYSICAL HAZARDS

N/A

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: 2 MG/M3 TWA AS NUISANCE DUST. (ACGIH)

SKIN: H316: CAUSES MILD SKIN IRRITATION. CATEGORY 3

EYES: H320: CAUSES EYE IRRITATION. CATEGORY 2B

INHALATION: H335: MAY CAUSE RESPIRATORY IRRITATION. CATEGORY 3

INGESTION: LOW TOXICITY EXPECTED.

CARCINOGENICITY: NOT CLASSIFIABLE FOR HUMAN OR ANIMAL BY ACGIH OR IARC.

### SECTION 3: COMPOSITION / INGREDIENTS

MIXTURE: ☒ Yes ☐ No

ALUMINUM MAGNESIUM SILICATE CLAY.

FORMULA IS PROPRIETARY.

### SECTION 4: FIRST AID MEASURES

SKIN: P302+352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. P332+313: IF SKIN IRRITATION OCCURS: CONTACT A POISON CENTER OR DOCTOR/PHYSICIAN.

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO. CONTINUE RINSING. P337+313: IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ATTENTION.

INHALATION: P304+340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P342+311: IF EXPERIENCING RESPIRATORY SYMPTOMS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

INGESTION: GIVE WATER TO DRINK. LOW TOXICITY EXPECTED. IF DISCOMFORT PERSISTS GET MEDICAL ATTENTION.

### SECTION 5: FIREFIGHTING MEASURES

FLASH POINT: MATERIAL IS NON-FLAMMABLE

FLAMMABLE LIMITS: MATERIAL IS NON-FLAMMABLE

FIRE EXTINGUISHING MEDIA: ANY FOR ADJACENT FIRES

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

PRECAUTIONS: N/A

PROCEDURES: LAB SCALE SPILL: SWEEP UP SPILLED POWDER AND FLUSH AREA WITH WATER. WEAR PERSONAL PROTECTIVE EQUIPMENT TO AVOID EXCESSIVE INHALATION OF DUST.

#### **SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)**

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

#### **SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)**

VENTILATION: MECHANICAL (GENERAL) ACCEPTABLE.

SKIN: RUBBER OR NITRILE GLOVES (NOT NORMALLY NEEDED)

EYES: SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE NEEDED IN NORMAL USE.

OTHER: EYE WASH STATION.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: WHITE POWDERY SOLID. ODORLESS

PH OF SOLUTION: N/A

MELTING POINT: 1472 ° F

BOILING POINT: N/A

SPECIFIC GRAVITY: 2.5 - 2.8 (WATER = 1)

EVAPORATION RATE: N/A

VAPOR DENSITY: 5.7 (AIR =1)

PERCENT VOLATILE: N/A

VAPOR PRESSURE: N/A

WATER SOLUBILITY: INSOLUBLE

#### **SECTION 10: REACTIVITY DATA**

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NPNE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

REACTIVITY WITH WATER: NONE

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: MAY CAUSE MILD IRRITATION.

EYES: MAY CAUSE MECHANICAL IRRITATION.

INHALATION: EXCESSIVE EXPOSURE TO DUST MAY CAUSE RESPIRATORY TRACT IRRITATION. COUGHING, LABORED BREATHING, SNEEZING. CHRONIC INHALATION MAY CAUSE PERMANENT LUNG DAMAGE.

INGESTION: LOW TOXICITY EXPECTED.

CHRONIC EXPOSURE: MAY CAUSE RESPIRATORY TRACT IRRITATION. COUGHING, LABORED BREATHING, SNEEZING. CHRONIC INHALATION MAY CAUSE PERMANENT LUNG DAMAGE (PNEUMOCONIOSIS).

SENSITIZER: NO HUMAN DATA REPORTED

CARCINOGENICITY: NOT CLASSIFIABLE FOR HUMAN OR ANIMAL BY ACGIH OR IARC.

TERATOGENICITY: NO HUMAN DATA REPORTED

EMBRYOTOXICITY: NO HUMAN DATA REPORTED

MUTAGENICITY: NO HUMAN DATA REPORTED

PRE-EXISTING CONDITIONS: N/A

**SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY: LAB QUANTITIES ARE NOT EXPECTED TO BE SIGNIFICANT.

DEGRADABILITY: NOT EXPECTED TO BE BIODEGRADABLE

BIOACCUMULATION: NOT EXPECTED TO BIOACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW.

**SECTION 13: DISPOSAL INFORMATION**

DISPOSE IN REGULAR TRASH OR FLUSH LAB QUANTITIES DOWN DRAIN WITH EXCESS WATER.

**SECTION 14: TRANSPORT INFORMATION**

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

WARNING SYMBOL: N/A

OTHER: THE MATERIAL, IN LAB QUANTITIES, IS NOT REGULATED AS A HAZARD IN TRANSPORTATION BY THE US DOT.

**SECTION 15: REGULATORY INFORMATION**

LABELING: N/A

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: E

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST.

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A

INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

**SECTION 16: OTHER INFORMATION**

**COPYRIGHT 2014. NO UNAUTHORIZED COPIES MAY BE MADE WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMERICAN DENTAL SUPPLY, INC., ALLENTOWN, PA. ALL RIGHTS RESERVED**

**SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)**

**NO DOT SHIPPING RESTRICTIONS APPLY.**

**CA PROP. 65 LISTING: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.**

Revision Date: 2/8/2023

Information Furnished By: L. D. Hochhauser  
Product Development Mgr.

The above information is believed to be accurate and represents information currently available to us. Reasonable care has been taken in the preparation of this document; however, all the properties of this product may not have been completely evaluated. Users should make their own investigations to determine the suitability of the information for their particular purposes. We make no warrantee of merchantability or any other warrantee, expressed or implied, with respect to such information, and we assume no liability resulting from its use or from improper use or handling of the product. "N/A" indicates that at the time of preparation of this SDS, this information may not have been available or is not applicable or regulated. As additional information becomes available, SDS will be updated.