

## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

**Product Identifier:** Corn Cob Grit

**Other mean of Identification:** Grit-O-Cobs, Dri-Zorb, Alf-A Cobs, Bed-O-Cobs, DZ300, Lite-R-Cobs, Maizorb, Pel-O-Cobs, Stabl-Cobs, Stabl-Pell, Stabl-Zorb, XRP

**Recommended Use:** Sandblast, Absorbent, Polishing

**Restrictions on Use:** None

**Supplier Identifier:** Allredi Blast and Abrasives Canada Inc., 500 Sherman Ave., N., P.O. Box 844 LCD #1 Hamilton, Ontario L8N 3N9 Telephone #1-905-527-6000 or 1-888-794-5665

**Emergency Telephone Number:** See above

### SECTION 2: HAZARD(S) IDENTIFICATION

**Hazard Classification:** Eye Irritation (Category 2B), eye irritation is possible. Target Organ Systemic Toxicity (Category 3), transient respiratory irritation is possible.

**Precautionary Statements:** If eye irritation occurs, rinse cautiously with plenty of water, seek medical attention should it persist. If skin irritation occurs, get medical advice. Wash hands after handling. Use only outdoors or in well ventilated area. Avoid breathing dust. If inhaled, remove to fresh air and seek medical help if feeling unwell.

**Label Elements:**

**Hazard Pictogram:**



**May cause eye irritation. May cause respiratory irritation. May form combustible dust concentrations in air.**

**Signal Word:** Warning

**Prevention:** Observe good industrial hygiene practices

**Response:** Wash hands thoroughly after handling

**Storage:** Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** Dispose of contents and container in accordance with all local, provincial, federal, regional, national and international regulations.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight % **
Corn Cob Fractions	n/a	100

### SECTION 4: FIRST AID MEASURES

**Inhalation:** Move person to fresh air and get medical attention if symptoms develop or persist.

**Skin Contact:** Wash exposed skin with soap and water. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.

**Eye Contact:** Immediately flush eyes thoroughly with plenty of water or an ophthalmic saline solution. Do not rub eyes. If irritation persists, seek medical attention.

**Ingestion:** If victim is alert and not convulsing, give one glass of water to dilute material. Get medical attention if symptoms occur.

**Most Important Symptoms and Effects, Acute and Delayed:** Direct contact with eyes or skin may cause temporary irritation. Seek medical attention if you feel unwell.

**Immediate Medical Attention and Special Treatment:** Treat symptomatically. In case of accident or you feel unwell, seek medical advice (show the label or SDS where possible).

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media, Suitable:** Use media suitable for surrounding fire. No special media required.

**Extinguishing Media, Unsuitable:** None

**Specific Hazards Arising from the Product:** Decomposition products may be toxic, typical of wood smoke.

**Special Protective Equipment and Precautions for Fire-Fighters:** Wear full protective clothing and use NIOSH (*National Institute for Occupational Safety and Health*) approved self-contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate clothing and respiratory protection (see Section 8).

**Methods and Materials for Containment and Clean Up:** Material may be collected by sweeping, using a shovel or vacuum and placed into proper containers. Contaminated product and/or environmental media should be recovered and disposed of properly. Prevent spilled material from entering storm drains or water bodies.



## SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Use good industrial hygiene practices. Use proper protection.

**Conditions for Safe Storing:** Store in a cool, dry and well ventilated area.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Chemical Name	ACGIH TLV	OSHA PEL
Corn Cob Fractions	10 mg/m <sup>3</sup> (inhalable) 3 mg/m <sup>3</sup> (respirable)	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)

**Appropriate Engineering Controls:** Good general ventilation 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. If exposure limits have not been established, maintain levels to an acceptable level.

### Individual Protection Measures

**Eye/Face Protection:** Wear appropriate protective safety goggles with side shields where particles could cause eye injury. Use personal protective equipment as required.

**Skin Protection:** Maintain good personal hygiene practices that include washing exposed skin with soap and water and laundering work clothing that becomes dusty. Wear suitable protective clothing and suitable abrasive blaster's gloves.

**Respiratory Protection:** In case of insufficient ventilation use appropriate NIOSH certified respiratory protection.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Tan Granules

**Odor:** None

**Odor Threshold:** Not Available

**pH (at 25°C in water):** Not Available

**Melting Point and Freezing Point:** Not Applicable

**Initial Boiling Point and Boiling Range:** Not Applicable

**Flashpoint:** 350°F (open cup), 388°F (closed cup)

**Evaporation Rate:** Not Applicable

**Flammability (solid, gas):** Not Applicable

**Lower Flammability or Explosive Limit:** Not Applicable

**Upper Flammability or Explosive Limit:** Not Applicable

**Explosive Limit:** Not Applicable

**Vapor Pressure:** Not Applicable

**Vapor Density (air = 1):** Not Applicable

**Specific Gravity:** 0.8 – 1.2

**Solubility in Water:** Practically Insoluble

**Solubility in Other Liquids:** Not Applicable

**Auto-ignition Temperature:** Not Applicable

**Partition Coefficient: n-octanol/water:** Not Applicable  
**Decomposition Temperature:** Not Applicable  
**Viscosity:** Not Applicable

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions of use.  
**Chemical Stability:** This material is stable under normal conditions of use, storage and transport.  
**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.  
**Conditions to Avoid:** Excessive heat (over 300°F)  
**Incompatible Materials:** Strong oxidizers, caustics, acids  
**Hazardous Decomposition Products:** CO<sub>x</sub>

## SECTION 11: TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure:

**Inhalation:** May be irritating to the nose. Remove to fresh air. No adverse effects are expected.  
**Ingestion:** May be irritating to the respiratory tract. Expected to be a low ingestion hazard.  
**Skin Contact:** May have some skin irritation as a result from repeated or prolonged exposure.  
**Eye Contact:** Particulates may cause temporary irritation if direct contact with eyes.

**Acute Toxicity:** Nuisance dust may cause mechanical irritation.

**Skin Corrosion/Irritation:** This product is not expected to cause skin corrosion or irritation based on available data.

**Serious Eye Damage/Irritation:** This product is not expected to cause serious eye damage or irritation based on available data. Temporary irritation may be caused with direct contact with eyes

**STOT (Specific Target Organ Toxicity) – Single Exposure:** Not Classified as an STOT

**Aspiration Toxicity:** This product is not expected to cause aspiration toxicity based on available data.

**STOT (Specific Target Organ Toxicity) – Repeated Exposure:** Not Classified as an STOT

**Respiratory and/or Skin Sensitization:** None expected

**Carcinogenicity:** This product is not a known/listed carcinogen.

**Mutagenicity:** No data is available to indicate product is mutagenic or genotoxic.

**Reproductive Toxicity:** No data is available indicating this product as a cause reproductive or developmental effects.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** This product is not known to be ecotoxic.

**Bioaccumulative Potential:** This product is not known to have the potential to bioaccumulate.

**Persistence and Degradability:** This product is not known to be persistent.

This product is not expected to present an environmental hazard.



## SECTION 13: DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with all applicable local, provincial/state and federal regulations in light of the contamination present. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations. Reuse recovered material where possible.

## SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transportation hazard.

## SECTION 15: REGULATORY INFORMATION

### Canada:

**WHIMS Classification:** Not a controlled product.

### United States:

**SARA SECTION 311/312 HAZARD CATEGORY:** Immediate Hazard

**Toxic Substance Control Act (TSCA):** Corn Gob is an organic product and not subject to TSCA requirements.

## SECTION 16: OTHER INFORMATION

### Hazardous Material Information System (HMIS):

Health 1

Flammability 0

Physical Hazard 0

### National Fire Protection Association (NFPA):

Health 1

Flammability 0

Reactivity 0

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**Date of Preparation:** November 1, 2020

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