

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

MSDS DATE: 11/09/09

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 770 Z-Drain (Fresh Blast)
PRODUCT CODES:
MANUFACTURERED FOR: Impact Products, LLC
ADDRESS: 2840 Centennial Road, Toledo, OH 43617

EMERGENCY PHONE:
CHEMTREC PHONE:
CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>TLV/TWA</u>	<u>PEL</u>
Cocamide MEA	68140-00-1	15%		
Perfume Blend	N/A	1.5%		
Magnesium Stearate	557-04-0	1%		
Viable Bacterial Culture	N/A	1%		
Sodium Sulphate	7757-82-6	53%		
Calsoft F-90	68081-81-2	29%		

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Bacterial culture non pathogenic

SECTION 4: FIRST AID MEASURES

EYES: Causes irritation – Irrigate thoroughly with water for at least 20-30 minutes. Obtain medical attention.
SKIN: May cause irritation – wash skin with soap and water after contact. If irritation persists seek medical attention.
INGESTION: Irritation of gastrointestinal tract, nausea, diarrhea – Wash out mouth with water. Do not induce vomiting. If patient is conscious, give several glasses of water to drink. If patient feels unwell seek medical attention.
INHALATION: No irritation – no treatment needed.
IMMEDIATE TREATMENT/ANTIDOTE: Symptomatic treatment
DELAYED EFFECTS: Not known

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS:

FLASH POINT:

METHOD USED:

HAZARD CLASSIFICATION: HEALTH:

FLAMMABILITY:

REACTIVITY:

EXTINGUISHING MEDIA: dry chemicals, CO2, water spray or foam. Do not spray a solid stream of water or foam on hot burning liquid, may cause frothing and increase fire intensity.

SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS COMBUSTION PRODUCTS: Burns to product oxides of carbon and nitrogen.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS: Wear appropriate PPE

ENVIRONMENTAL PRECAUTIONS: N/A

CLEAN UP PROCEDURE: Pick up material and place in its original container

SECTION 7: HANDLING AND STORAGE

HANDLING: Ventilation – general ventilation

STORAGE: Temperature range: 0°C to 40°C for product viability only. Humidity range: less than 40% for long term exposure of unprotected product for product viability only.

OTHER PRECAUTIONS: Keep away from product in enclosed spaces.

SUITABLE STORAGE MEDIA: Original container with closed lid.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYES: Safety glasses or goggles recommended. (Under normal use should not be necessary)

SKIN: Wash after exposure. Full suit, boots, face shield are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities. (Under normal use should not be necessary)

RESPIRATORY: Mask (under normal use should not be necessary)

HANDS: Wash hands after use. Gloves recommended

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: Solid block, Green - Citrus

BOILING POINT: N/A

MELTING POINT: 51° - 53°C

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): N/A

SPECIAL GRAVITY (H₂O = 1):

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: Dissolves

PERCENT VOLATILE: N/A

VISCOSITY: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

<u>STABLE</u>	<u>UNSTABLE</u>
X	

Stable under normal storage and handling conditions.

CONDITIONS TO AVOID (STABILITY): Accumulations of product in enclosed spaces.

INCOMPATIBILITY (MATERIAL TO AVOID): Aluminum may react with oxidizing agents such as hydrogen peroxide and sodium hypochlorite.

HAZARDOUS DECOMPOSITION: Thermal decomposition may product carbon monoxide, carbon dioxide, ammonia, and oxides of nitrogen. When heated to 1100°C it may emit toxic oxides of sulphur and sodium oxide.

HAZARDOUS POLYMERIZATION:

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Low acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reaction.

LD₅₀ Greater than 2000 mg/kg oral-rat skin-rabbit

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

ENVIRONMENTAL EFFECTS: Minimal impact under normal conditions of use and storage. The bacterial cultures are naturally occurring soil type organisms.

MOBILITY: Disperses in water

DEGRADABILITY: Biodegradable

BIOACCUMULATIVE Potential N/A

AQUATIC TOXICITY: N/A

SECTION 13: DISPOSAL CONSIDERATIONS/PROCEDURES FOR SPILL OR LEAK CLEANUP

SUBSTANCE: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

CONTAINER: As substance.

SECTION 14: TRANSPORT INFORMATION

Not regulated for transport

PROPER SHIPPING NAME: Water treatment compounds, bacterial culture

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SECTION 15: REGULATORY INFORMATION

LAFEL NAME: Freshblast

SYMBOLS: No risk or safety phrases stipulated

RISK PHRASES: No risk or safety phrases stipulated

SAFETY PHRASES: No risk or safety phrases stipulated

ADDITIONAL LABELING: N/A

USE OF THIS MATERIAL MAY BE GOVERNED BY THE FOLLOWING REGULATIONS: (Users are advised to consult these regulations for further information)

The information contained in this date does not constitute an assessment of workplace risks.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

This material must not be used for direct contact with food:

OTHER: The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.

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