

DESCRIPTION

Immersion Tank Cleaner

Super Blitz is a heavy duty alkaline cleaner formulated with a proprietary blend of surfactants, chelating and sequestering agents for maximum detergency and emulsification.

Features and Benefits:

- Premium concentrated, multi-purpose powdered cleaner.
- Balanced blend of surfactants, chelating and sequestering agents.
- Maximum detergency and emulsification.
- Contains color indicator when in solution.
- Specifically designed for use in food industries.
- Concentrated for cost effective usage.
- Safe on iron, steel, stainless steel, brass, and copper.
- Free rinsing.
- Excellent wetting properties for soil penetration.
- Outstanding soil suspending properties when used to clean grease, oils, starch, protein and blood.
- Formulation prevents re-depositing of soils.
- Excellent for use in immersion or soak tanks.

SPECIAL INFORMATION

Super Blitz is a Canadian Food Inspection Agency (CFIA) approved product for use in registered food processing plants.

Super Blitz is BC Kosher approved.

DIRECTIONS

Uses: *Super Blitz* is used for food processing areas, and is an excellent cleaner for grease, oils, starch, proteins and blood.

Usage:

General food plant cleaning: 1-4 lbs. per 15 gallons of water.

Hot tank: 4-10 lbs. per 50 gallons water.

PHYSICAL DATA

Appearance	Course powder
Color	White
Foam	Moderate
pH (3.1%)	12.0 – 13.0

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **SUPER BLITZ**

WHMIS CODE: E
 Proper Shipping Name: CORROSIVE SOLID, N.O.S.
 (sodium hydroxide beads)
 Hazard Class: Class 8, P.G. II
 UN Number: UN 1759

HMIS	
3	Health
0	Flammability
0	Reactivity
C	Personal

Product Use: Powder alkaline cleaner

A=Goggles, B=Goggles & Gloves
 C=Goggles, Gloves and Apron

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ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
SODIUM HYDROXIDE LD50 (oral rat) 340 mg/kg LD50 (dermal) 1350 mg/kg LC50 No Data	1310-73-2	15.0-30.0	2 mg/M3	2 mg/M3
SODIUM CARBONATE LD50 (oral rat) 2800 mg/kg LD50 (dermal) No Data LC50 No Data4	497-19-8	10.0-15.0	15 mg/m3	10 mg/m3
SODIUM METASILICATE LD50 (oral rat) 1153 mg/kg LD50 (dermal) No Data LC50 No Data	6834-92-0	10.0-20.0	No Data	No Toxicity data
ALCOHOL ETHOXYLATE LD50 (oral rat) 1376 mg/kg LD50 (dermal rabbit) >2 g/kg	68439-46-3	1.0-5.0	N/A	N/A

SECTION 3 – PHYSICAL DATA

Color and Odor: Pale orange powder, no odor. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/D **pH:** >13.0 (3.1% solution).
Physical State: Powder. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** N/D
Coef. Water/Oil Dist: Greater than 1.0 **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None. **Sensitivity to Mechanical Impact:** None. **Extinguishing Media:** Not flammable.
Flammable Limits: None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.
Conditions of Flammability: None.
Unusual Fire and Explosion Hazards: Flammable hydrogen gas may liberate upon prolonged contact with sensitive metals (aluminum, zinc, etc.).
Hazardous Combustion Products: Decomposition may produce oxides of carbon, phosphorus and sodium.
Special Fire Fighting: Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions. **Hazardous Polymerization:** Will not Occur.
Incompatibility (material to avoid): Strong oxidizer and acids.
Hazardous Decomposition Products: Decomposition may produce oxides of carbon, phosphorus and sodium.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin, eyes, inhalation.
Irritancy of Product: Corrosive to skin, eyes and respiratory system. **Carcinogenicity:** None known.
Sensitization: None known. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known. **Reproductive Toxicity:** None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation or dermatitis, respiratory disorder, or lung damage.
Effects of Acute Exposure to Product: Product exposure may burn eyes and irritate or burn skin. Inhaling vapors or mists may cause respiratory discomfort such as breathing problems, burning, coughing, etc. Ingestion may cause gastrointestinal and abdominal discomfort.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Use a NIOSH/MSHA approved acid gas respirator for vapors and a dust/mist respirator for misting or spraying operations.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or glasses.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.
Special Shipping Information: Store at temperatures below 30°C (86°F) and keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid: If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 11/09/09
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE