

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

IDENTITY AND SUPPLIERS INFORMATION

PRODUCT NAME: GRANO CHEMICAL FAMILY:
PRODUCT NUMBER: C963 FORMULA: PROPRIETARY
SUPPLIER'S NAME: GENERAL PRODUCTS & SUPPLY, INC. PHONE NUMBER: (724) 327-7200
SUPPLIER'S ADDRESS: 101 TECHNOLOGY LANE EMERGENCY NO.: 800-255-3924
EXPORT, PA 15632 DATE PREPARED: 02/19/08
PROPER SHIPPING NAME: CORROSIVE SOLID, N.O.S.

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
MAX PERSONAL PROTECTION	B

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
Sodium hydroxide	No	1310-73-2			2 mg/m3	2 mg/m3	4 mg/m3

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N/A
VAPOR PRESSURE: (mm Hg) N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: 100%
SPECIFIC GRAVITY: N/A
pH RANGE: N/E
EVAPORATION RATE: (Water=1) N/E
PHYSICAL DESCRIPTION: White granules with aluminum chips.

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: (FLAME PROJECTION) AUTO IGNITION TEMP: N/E
FLASH POINT: None
FLAMMABILITY LIMITS: N/A %UEL %LEL
EXTINGUISHER MEDIA: Not expected to burn

SPECIAL FIRE FIGHTING PROCEDURES:
Aluminum in presence of caustic in solution gives off hydrogen gas which can be explosive. Also generates heat when dissolved.
UNUSUAL FIRE/EXP. HAZARDS:
Cans which moisture can penetrate will rupture when water is placed on it.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable
INCOMPATIBILITY: Water, except in use, and acids
CONDITIONS TO AVOID: N/A
HAZARDOUS DECOMPOSITION PRODUCTS: N/A
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY:
ACUTE EFFECTS:

SKIN: Corrosive

EYES: Corrosive

INHALATION: Corrosive

INGESTION: Corrosive

FIRST AID PROCEDURES:

SKIN: Flood with water for 15 minutes. If irritation persists, seek medical attention.

EYES: Flush with water for 15 minutes. Get medical attention.

INHALATION: Remove to fresh air. If irritation persists, seek medical attention.

INGESTION: Can cause severe internal damage. Get immediate medical assistance.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: N/A
PROTECTIVE GLOVES: Rubber
VENTILATION REQUIREMENTS: Local exhaust
OTHER PROTECTIVE CLOTHING: N/A
HYGIENIC WORK PRACTICE: Keep off of clothing.

EYE PROTECTION: Goggles

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Sweep up, then flush spill area with water.

WASTE DISPOSAL METHODS: Not harmful to any waste disposal system after neutralizing carefully with an acid.

PRECAUTIONS IN STORAGE AND HANDLING: Keep dry. Keep away from flame, sparks or lights.

OTHER PRECAUTIONS: Keep out of reach of children.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.