

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 04/03/13

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:	HIGH HEAT	CHEMICAL FAMILY:		<table><tr><th>NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM</th><th>RATING</th></tr><tr><td>HEALTH</td><td>3</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>2</td></tr><tr><td>MAX PERSONAL PROTECTION</td><td>D</td></tr></table>	NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING	HEALTH	3	FLAMMABILITY	0	REACTIVITY	2	MAX PERSONAL PROTECTION	D
NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING													
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MAX PERSONAL PROTECTION	D													
GMP PRODUCT NUMBER:	C960	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:												
PROPER SHIPPING NAME:														

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CAS NO.	OSHA PEL	WT %	ACGIH TLV	EPA 40 CFR:		
					302	355	372
Sodium Hydroxide	1310-73-2	10 ppm	>50.0	10 ppm	Yes	No	No
Sodium Nitrate	7631-99-4	N/E	>18.0	N/E	No	No	No

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	N/D
VAPOR PRESSURE: (mm Hg)	N/D
VAPOR DENSITY:	N/D
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY:	N/D
pH RANGE:	14.00
EVAPORATION RATE: (Ether=1)	N/A
PHYSICAL DESCRIPTION:	Yellow pellets with aluminum granules; no odor

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: (FLAME PROJECTION) AUTO IGNITION TEMP:
 FLASH POINT: None
 FLAMMABILITY LIMITS: %UEL: N/A %LEL: N/A
 EXTINGUISHER MEDIA: Foam, carbon dioxide, dry chemical. Do not use water.
 Water will heat up mixture.
 SPECIAL FIRE FIGHTING PROCEDURES: Move containers from fire if possible without risk. Cool tightly closed containers with water from the side until well after fire is out. Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Runoff may be corrosive. Contain and isolate runoff for proper disposal.
 UNUSUAL FIRE/EXP. HAZARDS: Addition of water to this compound will generate heat and hydrogen gas. Product contains oxidizers.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will Not Occur
INCOMPATIBILITY:	Acids, reducing agents, water. Products will generate large amounts of heat when wetted.
CONDITIONS TO AVOID:	Moisture
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition may produce flammable hydrogen gas upon wetting.

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY:		FIRST AID PROCEDURES:	
ACUTE EFFECTS:		SKIN:	Immediately flood skin with water. Remove and launder contaminated clothing before re-use. Wash skin thoroughly with vinegar and water.
SKIN:	Severe irritation, severe burns and ulcerations.	EYES:	Flush eyes and under eyelids with plenty of cool water for at least 15 minutes, or wash with 5% boric acid solution. Obtain medical attention and continue flushing until medical attention arrives.
EYES:	Severe destruction of tissue, possibly resulting in blindness.	INHALATION:	Remove person to fresh air. If not breathing, administer artificial respiration. Obtain medical attention.
INHALATION:	Severe irritation of respiratory tract. Pulmonary edema, laryngeal spasms.	INGESTION:	Contact physician or Poison Control Center immediately. Do not induce vomiting. Give person large quantities of water, followed with citrus fruit juice. Never give anything by mouth to an unconscious person.
INGESTION:	Danger-Poison! May be fatal if swallowed. Causes severe burns to mucous membranes, destruction of tissue, burns.		

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION:	Use with adequate ventilation. Do not breathe dust or vapors. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.
PROTECTIVE GLOVES:	Chemical resistant.
EYE PROTECTION:	Safety goggles.
VENTILATION REQUIREMENTS:	Local and mechanical recommended.
OTHER PROTECTIVE EQUIPMENT:	Emergency shower and eyewash station. Protective clothing.
HYGIENIC WORK PRACTICES:	Do not eat, drink or smoke in work area. Wash hands after handling. Launder contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:	Ventilate area. Contain spill and remove all sources of moisture. Sweep up spilled material and place in a properly labeled closed container for re-use or disposal.
WASTE DISPOSAL METHODS:	Consult local environmental authorities.
PRECAUTIONS IN HANDLING AND STORAGE:	Store in a cool, dry place. Keep container tightly closed when not in use.
OTHER PRECAUTIONS:	KEEP OUT OF REACH OF CHILDREN.