

GOLD COAST CHEMICAL PRODUCTS

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MATERIAL SAFETY DATA SHEET

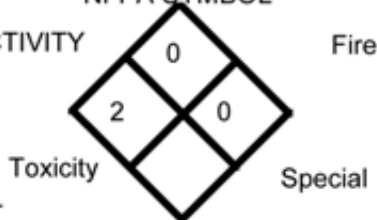
HMSI SYMBOL

HEALTH	0
FLAMMABILITY	0
REACTIVITY	2

HMSI
 4 SEVERE
 3 SERIOUS
 2 MODERATE
 1 SLIGHT
 0 MINIMAL

NFPA
 4 EXTREME
 3 HIGH
 2 MODERATE
 1 SLIGHT
 0 INSIGNIFICANT

NFPA SYMBOL



MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATIONS STANDARD (HCS) 29 CFR 1910.1200

Trade Name IRON GUARD

I — IDENTIFICATION FORMULA:
 Proprietary Mixture

II — HAZARDOUS INGREDIENTS

Principle Hazardous Components	CAS #	TLV	PEL	APPROX % WT
Phosphoric Acid	7664-38-2	1mg/m ³	1mg/m ³	>60%

III — PHYSICAL DATA

BOILING POINT: 212° F
 VAPOR PRESSURE: N.D.
 VAPOR DENSITY: N.D.
 SOLUBILITY IN WATER: Total

SPECIFIC GRAVITY: 1.1
 % VOLATILE BY VOLUME: 60%
 FLASH POINT: None
 APPEARANCE AND ODOR: pale green liq/ low odor

IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS: L/L N/A U/L N/A

FLAMMABILITY: Non flammable
 EXTINGUISHING MEDIA: Water, water fog, CO₂
 SPECIAL FIRE-FIGHTING PROCEDURE: Do not enter confined fire space with out proper protective equipment including a NIOSH approved self contained breathing apparatus. Use water spray.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None

V — REACTIVITY DATA

CHEMICAL STABILITY: Stable
 CONDITIONS TO AVOID: None
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong Alkalies
 HAZARDOUS DECOMPOSITION PRODUCTS: None
 HAZARDOUS POLYMERIZATION: Will not occur.

VI — HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? YES INGESTION? NO SKIN? YES EYES? NO

EFFECTS OF OVER EXPOSURE:

SKIN CONTACT OR ABSORPTION: Will cause burns if not rapidly washed off repeated skin contact with dilute solutions may cause dermatitis.

INGESTION: Pain in the throat and stomach. Difficulty in swallowing, nausea and vomiting.

EYES: Severe irritation to cornea and eye lids.

INHALATION: Unlikely

CARCINOGENICITY: NO NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? YES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with water for a minimum 15 minutes. If irritation persists consult a physician.

SKIN: Wash with soapy water for at least 15 minutes. If irritation persists consult a physician.

INHALATION: Unlikely

INGESTION: Do not induce vomiting. Contact a physician immediately.

VII — PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:

Contain spill. Neutralize with soap ash, lime or limestone.

WASTE DISPOSAL METHOD:
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY: Not required under normal safe use conditions.

EYES: Chemical safety goggles and/or full face shields.

SKIN: Impervious clothing PROTECTIVE GLOVES: Gloves, footwear must be worn at all times.

OTHER: Wash after using.

VENTILATION REQUIREMENTS: Local exhaust methods.

IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Wear protective equipment in handling. Store separately from oxidizers like chlorine products. Keep away and do not mix with strong alkalis.

SPECIAL PRECAUTIONARY STATEMENTS:

Keep out of reach of children.

LAST REVISED MARCH 31, 2009

NOTICE: We believe that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty expressed or implied, of merchantability fitness or otherwise is made.