

Distributed by:
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Prepared by: JS
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Emergency Phone # INFOTRAC
1-800-535-5053 (24 Hours Daily)

Distributed by Great Western Products
P.O. Box 466
Hollywood, AL 35752
256-259-3578 (8am – 4pm Central)
52747 Inside Kettle Cleaner

SECTION I IDENTIFICATION

Product Name	Great Western Griddle Cleaner
Chemical Name Synonyms	N/A
Product Number	MC8141
C.A.S. Registry	Mixture
Chemical Family	Alkaline Cleaner
Formula	Proprietary Information
D.O.T. ID/Label	N.A.

SECTION II HAZARDOUS INGREDIENTS

Ingredient	Percent	TLV Level	PEL Level
Sodium Carbonate	< 45 %	Not Established	Not Established
Sodium Metasilicate, Pentahydrate	< 35 %	Not Established	Not Established
Tetrasodium Pyrophosphate	< 20 %	5 mg/m3	5 mg/m3

SECTION III PHYSICAL DATA

Appearance & Odor	Tan granular solid, mild odor.
Boiling point	Not Established
Freezing point	Not Established
Vapor pressure (MM HG)	Not Established
Vapor density (air=1)	Not Established
Evaporation rate	NA
Specific gravity	Not Established
Solubility in H2O	Appreciable
% volatile by volume	NA

SECTION IV FIRE AND EXPLOSION DATA

Flashpoint (method used)	NA
Lower Explosion Limit	NA
Upper Explosion Limit	NA
Extinguishing Media	For fires in area use appropriate media. For example: water spray, dry chemical, carbon dioxide, alcohol foam.
Special Fire Fighting Procedures	Evacuate area of unprotected personnel. Wear protective clothing including a NIOSH-approved self contained breathing apparatus.
Unusual fire and explosion	Avoid dispersion of dust in air to reduce potential for dust ignition/explosions.

SECTION V HEALTH HAZARD DATA

Threshold Limit Value Not Established (OSHA 29 CFR 1910.Z-1-A)
Not Established (ACGIH 1995-96)

Recommend exposure limits for particulates not otherwise regulated be used as a guide: 15 mg/m³ (Total Dust), 5 mg/m³ (Respirable Fraction) (OSHA 29 CFR 1910.Z-1-A); 10 mg/m³ (Inhalable Particulate), 3 mg/m³ (Respirable Particulate) (Inhalable (total) particulate matter containing no asbestos and < 1% crystalline silica) (ACGIH).

Effects of Overexposure

Eye Contact: Severely irritating to eyes. Causes severe burns and destruction of tissues. Small quantities can result in permanent damage and loss of vision. Contact may cause blindness.

Skin Contact: May cause severe irritation and possibly a mild burn. Prolonged contact can be more severe.

Inhalation: Inhalation causes coughing and irritation of nose, throat, and mucous membranes. Inhalation of dust or mists can cause damage to the upper respiratory tract and to the lung tissue depending upon the extent of exposure.

Ingestion: Ingestion can cause very serious damage to the mouth, esophagus, stomach, and other tissues with which contact is made, and may be fatal. Large amounts may cause nausea, vomiting, and diarrhea.

Other: Routes of exposure: Product can affect the body if it is inhaled, comes in contact with the eyes or skin, or is swallowed. Pre-existing skin and respiratory disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during this flushing with water. Call a physician immediately.

Skin Contact: Flush area with water while removing contaminated clothing and shoes. Follow by washing with soap and water. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention. Do not apply oils or ointments unless ordered by the physician.

Ingestion: If conscious, drink a quart of water. DO NOT induce vomiting. CALL A Physician immediately. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim. Several glasses of milk or several ounces of milk of magnesia may be given for their soothing effect. DO NOT give carbonated beverages or weak acids such as vinegar.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. CALL A Physician.

SECTION VII REACTIVITY DATA

Stability Stable

Conditions to avoid Hygroscopic Material. Avoid contact with moisture. Avoid temperatures above 228° F.

Incompatibility Acids. Mildly corrosive to steel. Metals such as Aluminum, Zinc, Tin, etc. Aluminum equipment should not be used for storage and/or transfer. Strong oxidizing agents, Fluorine, lithium, phosphorous pentoxide, 2,4,6-trinitrotoluene, food sugars. Deadly carbon monoxide gas can form in enclosed or poorly ventilated areas or tanks when alkaline products contact food, beverage, or dairy products. Do not enter such areas until they have been well ventilated and carbon monoxide and oxygen levels have been determined to be within OSHA acceptable limits. If carbon monoxide and oxygen levels cannot be measured, wear NIOSH-approved, self-contained breathing apparatus.

Hazardous Decomposition Products: This product can react violently during neutralization of acids. Carbon dioxide is evolved during this reaction. May react with various food sugars to form carbon monoxide. May react with certain metals to produce flammable hydrogen gas. Thermal decomposition may produce carbon monoxide, carbon dioxide, and unidentifiable organic materials. Sodium oxide.

Hazardous Polymerization Will not occur

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Evacuate unprotected personnel from area. Maintain adequate ventilation. Use proper safety equipment. Sweep up material into containers and dispose of properly. Flush remaining area with water to remove trace residue and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs.

Waste disposal method: Observe all local, state and federal regulations. Dispose of at approved waste treatment facility. If approved, neutralize material and flush to sewer. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition.

SECTION VIII SPECIAL PROTECTION INFORMATION

	Consult Safety Equipment Distributor
Respiratory Protection	If recommended exposure limits are exceeded wear: NIOSH-Approved respirator for dusts and mists. Do not exceed limits established by the respirator manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.
Ventilation	Maintain adequate ventilation. Do not use in closed or confined space. Avoid accumulation of dust. Avoid mist formation. Keep levels below recommended Exposure Limits. To determine exposure levels, monitoring should be performed regularly.
Protective Gloves	Rubber (Latex), Neoprene, Polyvinyl Chloride.
Eye Protection	Chemical Safety Goggles, face shield, do not wear contact lenses.
Other Protective Equipment	Eyewash station, safety shower, rubber apron, protective clothing, chemical safety shoes.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Hygroscopic Material. Avoid contact with moisture. Store in closed containers. Store in cool, well-ventilated area, out of direct sunlight. Store away from incompatible materials. Do not store in unlabeled or mislabeled containers.

Other Precautions: Avoid contact with skin and eyes. Do not swallow. Avoid dust or mist formation. Use with adequate ventilation. Avoid breathing mists or dusts. Wash thoroughly after handling. Do not eat, drink, or smoke in work area.

SECTION X SUPPLEMENTAL HEALTH INFORMATION

% PPM	Ingredient	Carcinogen Content		
		IARC	NTP	OSHA
Note: this product does not contain greater than 0.1% of the known or potential carcinogens listed in NTP, IARC, or OSHA.				
LD50 Oral		No Data		
LD50 Skin		No Data		
LD50 Inhalation		No Data		

The data in this Material Data Safety Sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as a warranty or representation for which HYDRITE CHEMICAL CO. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.
