

**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

GRILL SHINE

**SECTION I**

Manufacturer's Name

HOCKING INTERNATIONAL CHEMICAL CORP.

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State &amp; ZIP Code) Telephone Number for Information

2121 HOOVER AVENUE

(619) 474-8457

NATIONAL CITY, CALIFORNIA 92050

Date Prepared

07/15/02 SUPERCEDES 3/13/2001

Signature of Preparer (optional)

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
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SODIUM HYDROXIDE	CAS #1310-73-2	2mg/M <sub>3</sub>	2mg/M <sub>3</sub>	NONE	5-15%
DOT CLASS:	SODIUM HYDROXIDE SOLUTION				
	8, UN 1824, PG II				

**HAZARD RATING:****4-EXTREME****3-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT**

<b>HEALTH</b>	<b>=</b>	<b>3</b>
<b>FIRE</b>	<b>=</b>	<b>0</b>
<b>REACTIVITY</b>	<b>=</b>	<b>1</b>
<b>SPECIFIC HAZARDS</b>	<b>=</b>	<b>N/A</b>

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point

228°F

Specific Gravity (H<sub>2</sub>O = 1)

1.12

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Vapor Density

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water

COMPLETELY SOLUBLE

pH

13.9

Appearance and Odor

CLEAR, PALE YELLOW ALMOST ODORLESS LIQUID

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)

NOT FLAMMABLE

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

WILL NOT BURN OR SUPPORT COMBUSTION.

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT AND COVER ALL EXPOSED SKIN. EXCESSIVE  
HEAT WILL PRODUCE CAUSTIC FUMES AND/OR VAPORS.

Unusual Fire and Explosion Hazards

AVOID CONTACT WITH STRONG ACIDS OR OXIDIZERS

(Reproduce locally)

OSHA 174, Sept. 1985

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**SECTION V - REACTIVITY DATA**

<b>Stability</b>	Unstable	Conditions to Avoid
	Stable	xxx CONTACT WITH STRONG ACIDS OR OXIDIZERS.

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Incompatibility (Materials to Avoid)

**STRONG ACIDS AND OXIDIZERS SUCH AS CHLORINE BLEACH**

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Hazardous Decomposition or Byproducts

**CARBON DIOXIDE, CARBON MONOXIDE**

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<b>Hazardous</b>	May Occur	Conditions to Avoid
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**Polymerization**

Will Not Occur	xxx	N/A
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**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	POSSIBLE	YES	YES

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Health Hazards (Acute and Chronic)

**THIS IS A STRONGLY ALKALINE CAUSTIC PRODUCT WHICH IS CORROSIVE TO TISSUE.**

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Emergency and First Aid Procedures

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION CONTINUES, CALL A PHYSICIAN IMMEDIATELY.

**SKIN:** EXPOSED AREA SHOULD BE FLUSHED WITH WATER FOR 15 MINUTES. IF IRRITATION CONTINUES, SEE A PHYSICIAN.

**INHALATION:** MOVE TO FRESH AIR.

**INGESTION:** DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF ORANGE, LEMON OR GRAPEFRUIT JUICE. CALL A PHYSICIAN IMMEDIATELY.

**NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to Be Taken in Case Material is Released or Spilled

**DIKE WITH INERT ABSORBENT MATERIAL SUCH AS SAND OR VERMICULITE, WEAR FACE PROTECTION, RUBBER GLOVES, BOOTS AND APRON. NEUTRALIZE AREA WITH DILUTED SOLUTION OR ACETIC ACID OR DIL HYDROCHLORIC ACID. PREVENT SPILL FROM ENTERING SEWER. PLACE CONTAMINATED ABSORBENT IN D.O.T. APPROVED CONTAINER.**

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Waste Disposal Method

**CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS.**

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Precautions to Be Taken in Handling and Storing

**STORE IN A COOL DRY PLACE AWAY FROM STRONG ACIDS AND/OR OXIDIZERS. KEEP CONTAINER CLOSED WHEN NOT IN USE.**

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Other Precautions

**KEEP OUT OF REACH OF CHILDREN**

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**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

**NOT REQUIRED WITH GOOD VENTILATION**

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<b>Ventilation</b>	Local Exhaust	Special
	IF AVAILABLE	NONE
	Mechanical (General)	Other
	IF AVAILABLE	NONE

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Protective Gloves

Eye Protection

**RUBBER OR NEOPRENE RECOMMENDED SAFETY GLASSES, GOGGLES OR FACE SHIELD**

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Other Protective Clothing or Equipment

**RUBBER OR NEOPRENE APRON**

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Work/Hygienic Practices

**USE CARE AND COMMON SENSE**

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