

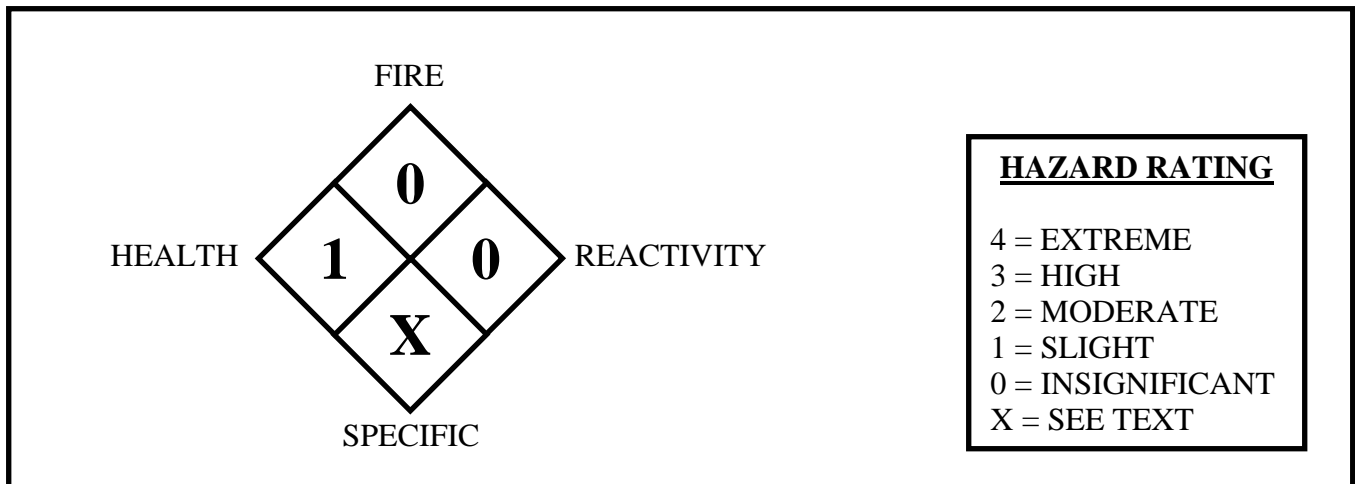
MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURER INFORMATION

MANUF / DIST: DETAILS MANUFACTURING & DISTRIBUTING
814 SOUTH DUFF AVE
AMES, IOWA 50010
PREPARER/CONTACT: LUKE STAGG
PHONE: 515-233-6555
MEDICAL/CHEMICAL EMERGENCY 24 HOURS INFOTRAC 800-535-5053

TRADE NAME / SYNONYMS. . . : HAWAIIAN SHINE
CHEMICAL NAME / SYNONYMS: NOT APPLICABLE
CHEMICAL FAMILY. : NOT APPLICABLE
FORMULA. : Proprietary
PRODUCT CODE. : HS1,5,15,30,55

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM:



SECTION 2 - HAZARDOUS INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29§1910.1200 (j)-(13)

CHEMICAL / COMMON NAME	CAS#	PERCENTAGE	PEL-OSHA	TLV-ACGIH
Sodium Hydroxide	1310-73-2	<1	2mg/mg3	2mg/m3
Silicone	6468-11-4	>1	N/A	N/A

THIS PRODUCT DOES **NOT** CONTAIN CARCINOGENS: (NTP, IARC, OSHA):

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SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic):

Acute:

- a) Eyes - Can cause severe irritation, redness, tearing, blurred vision.
- b) Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
- c) Inhalation - mild irritation
- d) Ingestion - Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

Chronic

None known

PRIMARY ROUTES OF ENTRY:

- a) Skin b) Inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

EMERGENCY FIRST AID PROCEDURES:

- a) Skin - Wash with running water.
- b) Eyes - Flush with large amounts of water, lifting upper and lower lids occasionally.
- c) Inhalation - If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
- d) Ingestion - Immediately drink 2 glasses of water and induce vomiting by either giving IPECAC syrup or by placing fingers at the back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F) : >212

VAPOR PRESSURE (mmHg) : < 20

VAPOR DENSITY (AIR=1) : 0.6

SPECIFIC GRAVITY (WATER=1) : 1

PERCENT VOLATILE BY VOLUME (%) . . . : 70

EVAPORATION RATE (WATER=1) : 1

SOLUBILITY IN WATER: Soluble in water.

APPEARANCE AND ODOR INFORMATION: Purple viscous liquid, fruity odor.

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SECTION 5 - FIRE + PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None FLAMMABLE LIMITS: LEL= N/A UEL= N/A

EXTINGUISHING MEDIA: Not considered a fire hazard.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

INCOMPATIBILITY (Material To Avoid):

Avoid contact with acids and strong oxidizers such as chlorine, permanganate, etc.

HAZARDOUS DECOMPOSITION PRODUCTS:

After water evaporates, burning may produce oxides of carbon, traces of sulfur and nitrogen oxides and various hydrocarbons.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

THIS PRODUCT IS STABLE

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Absorb the large spill on suitable absorbant. Wash the residue down the drain or pit with plenty of water. Small spills can be flushed down the drain with plenty of water. EXTREMELY SLIPPERY.

WASTE DISPOSAL METHODS:

Dispose of according to local, state and federal regulations for biodegradable soaps and detergents.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION:

LOCAL EXHAUST: Below TLV(s)

MECHANICAL (GENERAL): EXPLOSION PROOF

SPECIAL: N/A

OTHER: N/A

RESPIRATORY PROTECTION: Not needed.

PROTECTIVE GLOVES: Not needed.

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OTHER PROTECTIVE EQUIPMENT: N/A

OTHER ENGINEERING CONTROLS:

Eye wash and quick drench facilities.

WORK PRACTICES:

Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product. Provide adequate ventilation.

HYGIENIC PRACTICES:

Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reused.

SECTION 8 - SPECIAL PRECAUTION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 120 degrees F.
- b) Protect from physical damage and keep tightly closed.
- c) Do not store near acids or acidic materials and oxidizers.
- d) Containers with concentrate should be marked slippery on floor surfaces

MAINTENANCE PRECAUTIONS:

When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

OTHER PRECAUTIONS:

- a) Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

SHIPPING INFO, UN/NA #'s, LABEL INFO NECESSARY OR SUGGESTED:

**Less than 1% Sodium Hydroxide UN/NA Number Not Necessary on labels
Basically an inert product.**

NO LABELS REQUIRED

Secondary container label:

KEEP OUT OF THE REACH OF CHILDREN!

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