

# MATERIAL SAFETY DATA SHEET

## SECTION 1 PRODUCT IDENTIFICATION

Flynn Distributors  
3646 Zoar Road  
Snellville, Georgia 30039  
Inquiry Phone: 770 714 8656  
Emergency Phone: (800) 535-5053  
Prepared on 6/5/01

**PRODUCT NAME: HOOD CLEANER**  
**PRODUCT CODE: 26110**

NFPA hazard codes:                      NFPA acute hazard rating:  
0 = Least                      3 = High                      Health:                      2  
1 = Slight                      4 = Extreme                      Flammability:                      0  
2 = Moderate                                                                Reactivity:                      1

## SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances at 1% or greater and CARCINOGENS at 0.1% or greater.

INGREDIENT (chemical name)	CAS#	% range	TLV / PEL	TWA	STEL / Ceiling Skin
Potassium Hydroxide	1310-58-3	<25	N/A	N/A	2mg/m <sup>3</sup>

Note: Potassium Hydroxide is a SARA TITLE III SECTION 304 materials subject to reporting by user within the manufacturing section.

## SECTION 3 EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. **SKIN CONTACT:** Immediately flush exposed area with water for at least 15 minutes. If irritation occurs, get medical attention. **INHALATION:** Remove individual to fresh air. If symptoms persist, get immediate medical attention. **INGESTION:** Do not induce vomiting. Dilute by giving water and fruit juice. Get immediate medical attention.

**NOTE TO PHYSICIAN:** Contains Potassium Hydroxide.

## SECTION 4 PHYSIOLOGICAL EFFECTS

**PRIMARY ROUTE(S) OF ENTRY INTO BODY:** Skin contact, Ingestion.

**ACUTE EFFECTS:** Eyes: Redness, watering. Skin: Redness, irritation. Inhalation: Irritation, coughing. Ingestion: Burning sensation, nausea.

**CHRONIC EFFECTS:** None known.

## SECTION 5 OCCUPATION CONTROL PROCEDURES

**VENTILATION:** Local exhaust.

**PERSONAL PROTECTION:**

Respirator type: None required if concentration is below TLV/PEL. Otherwise use NIOSH approved CCROV or better respirator.

Gloves: Chemical resistant gloves recommended.

Eye Protection: Chemical splash goggles.

## SECTION 6 PHYSICAL DATA

Appearance/odor: Clear light red / odorless

Physical state: Liquid

Boiling Point: 212°F

Freeze Point: 30° F

Specific Gravity: 1.16

pH concentrate: 14.0

1% pH dilution: 12.8

Solubility in water: Complete

Vapor pressure: 17 mmHg

Vapor density (air=1): >1

Evaporation rate (water = 1): >1

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## SECTION 7 FIRE & EXPLOSION DATA

Flash point: None.  
Method: T.C.C.  
Flammable (explosive) limits in air: N/A.  
Suitable extinguishing media: Water / foam.  
Hazardous combustion bi-products: Carbon Monoxide.  
Recommended fire fighting procedures: Firefighters should wear waterproof protective clothing.  
Unusual fire & explosive hazards: None.

## SECTION 8 REACTIVITY DATA

Stability: Stable.  
Conditions to avoid: Extreme high heat.  
Hazardous decomposition products: None.  
Hazardous polymerization: Will not occur.  
Incompatibility:  
Material to avoid: Strong acids.  
Corrosive action on material: Moderate on soft metals such as aluminum.

## SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store at temperatures below 120° F. Do not allow to freeze.  
Handling: Wear proper gloves, boots, eye and face protection when handling.  
Precautionary labeling: Corrosive.

## SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:  
Small spill/leak: Neutralize with vinegar or citric acid.  
Large spill/leak: Mop up excess. Neutralize with vinegar or citric acid. Collect solution in containers for disposal.  
Spill reportable quantity: 4,000 pounds or more.  
Waste disposal method: Consign to waste facility approved by federal, state, and local regulations.  
RCRA or appropriate waste classification: By characteristic.  
Procedures for handling empty containers: Triple rinse.  
Environmental toxicity data: Biodegradable.  
Other regulatory controls:  
Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as:  
Toxic pollutant? No.  
Hazardous substance (SECTION 302)? No.  
If yes, reportable quantity (R.Q.). N/A.  
Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as:  
Hazardous air pollutant (SECTION 12)? No.

## SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT/IMO  
Proper shipping name: COMPOUND, CLEANING, LIQUID (containing Potassium Hydroxide)  
Hazard class: 8  
Identification number: NA1760  
Packing Group: II  
Labels required: Product, Corrosive

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PRODUCT CODE: 26110  
PREPARED: 6/5/01