

# MATERIAL SAFETY DATA SHEET

## HD STEAM CLEANER

### NFPA HAZARD DESIGNATION

HEALTH	3
FLAMABILITY	0
REACTIVITY	0

NFPA SCALE: 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSUFICIENT

### SECTION 1: PRODUCT IDENTIFICATION ↓

#### MANUFACTURER:

DATE EFFECTIVE: 01/03/11

**Kaady Chemical Corp.**  
2118 Adams St.  
San Leandro, CA 94577

DATE REVISED: 06/30/10

EMERGENCY PHONE 800-755-2300

PRODUCT NUMBER: HD STEAM CLEANER  
CHEMICAL NAME: POTASSIUM HYDROXIDE CLEANER

PRODUCT USE: ALKALINE CLEANER  
CHEMICAL FAMILY: BUILT DETERGENT

### SECTION 2: HAZARDOUS INGREDIENTS ↓

CHEMICAL NAME(S)	CAS NUMBER	% WT	TLV	PEL	OTHER
POTASSIUM HYDROXIDE	1310-58-3	<20	2 MG/M3	2 MG/M3	
DIMETHYLLAURYLAMINE N-OXIDE	1643-20-5	<1	N/A	N/A	
Sodium Hydroxide	1310-73-2	<14	C 2 mg/m3	N/A	

### SECTION 3: PHYSICAL PROPERTIES ↓

BOILINGPOINT:	>215°F	SPECIFIC GRAVITY:	1.294
PERCENT VOLATILE (VOL.):	<12	PH:	13.2 +/- .2
VAPOR PRESSURE (mm HG):	NOT DETERMINED	SOLUBILITY IN WATER:	COMPLETE
VAPOR DENSITY (AIR=1):	NOT DETERMINED	EVAPORATION RATE (WATER=1):	<1
APPEARANCE AND ODOR:	CLEAR MEDIUM AMBER, PUNGENT ODOR		

### SECTION 4: FIRE AND EXPLOSION DATA ↓

FLASH POINT (TEST METHOD):	NONE	AUTOIGNITION TEMPERATURE:	NONE
FLAMABILITY LIMITS IN AIR (%V):	NA	EXTINGUISHING MEDIA:	NA
UNUSUAL FIRE OR EXPLOSION HAZARDS: /NITROGEN OXIDES	HAZARDOUS DECOMPOSITION PRODUCT: MAY FORM AMMONIA OR		
SPECIAL FIRE FIGHTING PROCEDURES:	USE SCUBA IN CONFINED AREAS (AMONIACAL FUMES EMITTED)		

### SECTION 5: REACTIVITY DATA ↓

PRODUCT STABILITY:	STABLE	CONDITIONS TO AVOID (STABILITY):	NONE KNOWN
INCOMPATIBILITY:	ACIDS		

HAZARDOUS DECOMPOSITION PRODUCTS: AMMONIA, NITROGEN OXIDES  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

**SECTION 6: HEALTH HAZARD DATA ↓**

SKIN CONTACT: MAY IRRITATE OR BURN SKIN  
EYES: CAUSES SEVERE IRRITATION OR BURNS  
INHALATION: WILL CAUSE IRRITATION TO NOSE AND RESPERATORY TRACT  
INGESTION: WILL IRRITATE OR BURN MOUTH, THROAT, AND STOMACH  
CHRONIC EXPOSURE: MAY CAUSE DERMITITIS

**SECTION 7: EMERGENCY AND FIRST AID PROCEDURES ↓**

SKIN: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OFFRESH WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION.  
EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, GET MEDICAL ATTENTION.  
INHALATION: PROVIDE FRESH AIR; IF PAIN OR IRRITATION PERSISTS CONTACT A PHYSICIAN.  
INGESTION: GIVE LARGE QUANTITIES OF WATER OR MILK, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION

**SECTION 8: ENVIRONMENTAL DATA ↓**

SPILL OR LEAK PROCEDURE: ABSORB ONTO INERT MATERIAL AND PLACE IN SUITABLE CONTAINER FOR DISPOSAL.  
WASTE DISPOSAL METHOD: PERFORM IN ACCORDANCE WITH ALL STATE, FEDERAL, AND LOCAL REGULATIONS.

**SECTION 9: SPECIAL PROTECTIVE MEASURES ↓**

EYE PROTECTION: WEAR GOGGLES OR FACEMASK  
WORK AREA: EYE WASH  
SKIN PROTECTION: DISPOSABLE GLOVES  
OTHER: PLASTIC OR RUBBER APRON  
DISCARD ANY OR ALL CONTAMINATED CLOTHING

**SECTION 10: SHIPPING DATA ↓**

PROPER DOT SHIPPING NAME: CORROSIVE LIQUID, BASIC, INORGANIC, NOS (POTASSIUM HYDROXIDE SOLUTION), 8, UN 3266, PG III  
DOT HAZARD CLASS: 8  
UN/NA I.D.NUMBER: UN 3266  
DOT LABELS REQUIRED: CORROSIVE

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