



MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

O.C.C.S.
13744 EXCELSIOR DR.
SANTA FE SPRINGS, CA 90670

CHEMTREC EMERGENCY TEL:
1-800-424-9308

PRODUCT NAME: 3110 - ULTRA CLEAN CLEAR AMMONIA
DATE PREPARED: 2/11/2009
HAZARD RATING: HEALTH-2; FIRE-0; REACTIVITY-1; SPECIAL-NONE
(HAZARD RATING SCALE: 4-SEVERE; 3-SERIOUS; 2-MODERATE; 1-SLIGHT; 0-MINIMAL)

SECTION II - HAZARDOUS INGREDIENT IDENTIFICATION

NAME	CAS NO.	ACGIH / TLV	OSHA / PEL
AMMONIUM HYDROXIDE	7664-41-7	25 ppm (skin)	25 ppm (skin)

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of section 313 of SARA Title III. You must notify each person to whom this mixture or trade name product is sold.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	200 degrees F
VAPOR PRESSURE:	Unknown
VAPOR DENSITY (Air=1):	Unknown
SPECIFIC GRAVITY (H ₂ O=1):	.98
MELTING POINT:	N/A
EVAPORATION RATE:	Unknown
SOLUBILITY IN WATER:	Complete
APPEARANCE:	Clear liquid
ODOR:	Ammonia Odor
PH:	10-11

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Non-flammable
EXTINGUISHING MEDIA:	Use media suitable for surrounding materials
FIRE FIGHTING PROCEDURES:	Fire fighters should wear self-contained breathing apparatus and protective clothing when fighting chemical fires.
FIRE & EXPLOSION HAZARDS:	Unknown

SECTION V - REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Heat
INCOMPATIBILITY:	Sodium Hypochlorite, Strong acids
HAZARDOUS DECOMPOSITION:	Ammonia Gases
HAZARDOUS POLYMERIZATION:	Will not occur