



MATERIAL SAFETY DATA SHEET
Penetone® Corporation, 700 Gotham Parkway, Carlstadt, NJ 07072

CELL-KLEEN®

Page: 1 of 4
Date Prepared: April 17, 2008
MSDS No.: 1271-804M

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: CELL-KLEEN
GENERAL USE: Flexo wash, ultrasonic cleaner, press room cleaner
PRODUCT DESCRIPTION: Liquid alkaline cleaner
GENERIC INGREDIENTS: Water, alkanolamine, builders, and surfactant

**EMERGENCY TELEPHONE NUMBERS: PENETONE 201-567-3000
CHEMTREC 800-424-9300**

SECTION 2 HAZARDOUS INGREDIENT SECTION

This product is hazardous as defined in 29 CFR 1910.1200.

OSHA HAZARD: CORROSIVE

OSHA HAZARDOUS INGREDIENTS

	CAS#	EXPOSURE LIMITS 8 hrs. TWA (ppm)		Supplier
		OSHA PEL	ACGIH TLV	
Ethanolamine	141-43-5	3	3	---

SECTION 3 HEALTH INFORMATION & PROTECTION

EMERGENCY OVERVIEW:
Clear blue liquid with mild amine odor.
Can be corrosive to skin and eyes.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT:

May cause irritation or burns on prolonged contact. Mist may be irritating.

SKIN CONTACT:

Frequent or prolonged contact may irritate or dry the skin, cause dermatitis, or cause burns. Skin contact may aggravate an existing dermatitis condition

INHALATION:

Inhalation of spray mist may cause irritation or burns to the respiratory tract.

INGESTION:

Ingestion can cause burns to the mouth, esophagus, and stomach.

CHRONIC: Ingestion of large amounts of ethanolamine has caused kidney damage in laboratory animals.

FIRST AID MEASURES:

EYE CONTACT:

Flush eyes with large amounts of water. See physician immediately.

SKIN CONTACT:

Flush skin with large amounts of water. Remove contaminated clothing and launder before reuse. If skin irritation develops or persists, consult physician.

INHALATION:

Remove person to fresh air. Administer oxygen or artificial respiration as needed. Call a physician immediately.

INGESTION:

If swallowed, give plenty of water or milk. **DO NOT INDUCE VOMITING.** Call a physician immediately.

WORKPLACE EXPOSURE CONTROLS:

PERSONAL PROTECTION:

Splash proof goggles are recommended for all workplace conditions. Rubber gloves should be used. When spraying this product, rubber boots, aprons, gauntlets, or rain gear should be worn depending on operations.

VENTILATION:

None needed under normal use conditions. If the product is being sprayed, a dust mask or particle respirator is recommended. **DO NOT MIST THIS PRODUCT.** Use coarse spray only.

SECTION 4 FIRE & EXPLOSION HAZARDS

FLASH POINT: None to boiling point (TCC, COC)

FLAMMABLE LIMITS: Not applicable

AUTOIGNITION TEMPERATURE: Not determined

GENERAL HAZARD:

This is a water based product and presents no unusual hazards in a fire.

FIRE FIGHTING:

Cool containers with water.

HAZARDOUS COMBUSTION PRODUCTS:

Smoke, fumes, and oxides of carbon, nitrogen, and phosphorus.

SECTION 5 SPILL CONTROL MEASURES

LAND SPILL:

For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container with lid tightly covered. For larger spills, dike spill, recover free liquid, and use absorbent material to dry area. Rinse area with water. Put all material into appropriate waste containers.

WATER SPILL:

Product is water based and water dilutable. Surfactants used in this product are biodegradable. Localized high concentration of product may cause fish kills, but no persistent or long term effects will result. Check with local environmental regulatory agencies for reporting requirements.

SECTION 6 HANDLING & STORAGE

STORAGE TEMPERATURE, °F: ambient. DO NOT STORE ABOVE 120° F. KEEP FROM FREEZING.

GENERAL: Do not store near strong acids.

SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT, °F:

about 212

EVAPORATION RATE, Acetone = 1:

equal to water

SOLUBILITY IN WATER:

soluble

SPECIFIC GRAVITY at 75°F:

1.08

ODOR AND APPEARANCE:

clear blue liquid with mild amine odor

VAPOR PRESSURE, mm Hg at 20°C:

equal to water

VAPOR DENSITY (Air = 1):

equal to water

WT% ORGANIC VOLATILES:

Approximately 7

pH:

>13

SECTION 8 REACTIVITY DATA

GENERAL:

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Strong acids.

SECTION 9 REGULATORY INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT):

PROPER SHIPPING NAME:

CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
(contains ethanolamine)

HAZARD CLASS: 8

IDENTIFICATION NUMBER: UN 3267

PACKING GROUP: III

LABEL: CORROSIVE

FLASH POINT: none-to-boil

pH: >13

TSCA: The ingredients in this product are listed on the TSCA inventory.

CERCLA:

This product contains no reportable CERCLA materials. Contact local authorities to determine if there may be other local reporting requirements.

RCRA HAZARD CLASS:

D002 Corrosive hazardous waste

SARA TITLE III:

311/312 HAZARD CATEGORIES:

Acute health

313 REPORTABLE INGREDIENTS:

None

NEW JERSEY RIGHT-TO-KNOW INFORMATION:

This product contains water (CAS# 7732-18-5), ethanolamine (CAS# 141-43-5), tripotassium phosphate (CAS# 7778-53-2), sodium metasilicate (CAS# 6834-92-0), and potassium salt of dibasic fatty acids (CAS# 68127-33-3).

CALIFORNIA PROPOSITION 65 INFORMATION:

This product does not contain any chemicals recognized by the state of California to cause cancer and/or birth defects or reproductive harm.

SCAQMD INFORMATION:

Is there a photochemically reactive material present? No
What is the % by volume of photochemically reactive material? 0
What is the VOC content? 73 grams/liter
What is the vapor pressure of VOC's? 0.2 mm Hg @ 20°C

SECTION 10 NOTES

HAZARD RATING SYSTEMS:

	HMIS	NFPA
HEALTH	2	2
FLAMMABILITY	0	0
REACTIVITY	0	0

KEY
4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

REVISION SUMMARY:

Change in Section 9

SUPERSEDES ISSUE DATE:

February 6, 2004

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES ENGINEER
FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL 201-567-3000

THE INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND ACCURATE TO THE BEST OF PENETONE'S KNOWLEDGE. THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE.