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## MATERIAL SAFETY DATA SHEET

### SECTION 01 - MATERIAL IDENTIFICATION

MATERIAL NAME

WHMIS classification: D-2B

## USONIC pH7

Use: Ultra concentrated powerful neutral cleaner for use in ultrasonic equipment.

Name of supplier : KLEARGO INC.

Address : 5555 Bois Franc

City :St-Laurent,

Prov: Qc.

Postal Code: H4S 1B1

Tel: 514 335-6585

Toll free: 800-661-4123

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### SECTION 02 - HAZARDOUS INGREDIENTS

INGREDIENTS	CONC.	#CAS	LD50/spec.	LC50/spec
Anionic detergent	5-15	25155-30-0	N/AV	N/AV
Coconut diethanolamide	1-5	N/AV	N/AV	N/AV

### SECTION 03 - HAZARD IDENTIFICATION

#### ROUTE OF ENTRY:

SKIN: Contact, no ABSORPTION: no

EYES: Contact, yes

INGESTION: yes

INHALATION: no

#### EFFECTS OF ACUTE EXPOSURE:

SKIN: Can cause skin irritation with certain sensitive individuals.

EYES: Can cause irritation.

INGESTION: Can cause diarrhea. Harmful if swallowed.

INHALATION: None.

#### EFFECTS OF CHRONIC EXPOSURE:

see above

### SECTION 04 - FIRST AID MEASURES

EYES: Wash with plenty of water for 15 minutes. Raise or lower both eyelids to insure thorough washing. **GET MEDICAL ATTENTION**

SKIN: Wash with plenty of water. In case of skin irritation consult a doctor.

INGESTION: Give patient milk and water. Do not induce vomiting. Never give any drink or induce vomiting to an unconscious or convulsive person. **GET MEDICAL ATTENTION.**

### SECTION 05 - FIRE AND EXPLOSION HAZARD

Flammability : None

If yes, under what conditions:

Means of extinction (procedure):

Co<sub>2</sub>, Water, foam.

Flash point (Method) °C : None

Auto ignition temperature °C : N/AP

Upper explosion limit (% vol) : N/AP Lower explosion limit (% vol) : N/AP

### SECTION 06 - SPILL MANAGEMENT

Recover large spills. Collect in an appropriate plastic container for reuse or disposal. Wash contaminated area with lots of water. Caution: Affected areas may be slippery.

### SECTION 07 - HANDLING AND STORAGE

HANDLING EQUIPMENT AND PROCEDURES : As is the case for the handling of all chemicals, good industrial hygiene practices are recommended. Wash hands well after use.

STORAGE REQUIREMENTS: Keep container closed when not in use. Avoid accidents.

**SECTION 08 - PREVENTIVE MEASURES**

GLOVES (type): Yes, impervious (household type rubber, latex or nitrile) gloves are preferred.  
EYES : None necessary under normal use conditions.  
RESPIRATORY PROTECTION: None required.  
PROTECTIVE CLOTHING: None required.  
ENGINEERING CONTROLS (Enclosed process, mechanical, etc.): NONE  
Nearby water source for washing and cleaning.

**SECTION 09 - PHYSICAL CHARACTERISTICS**

Physical state : Liquid  
Odour and appearance : Slight soapy odor / Clear/ amber  
Specific gravity : 1.01-1.02  
Evaporation rate : Same as water.  
Boiling point : >100  
Freezing point : -10  
Solubility in water : Soluble  
% volatility : 80  
pH : 7

**SECTION 10 - REACTIVITY DATA**

Chemical stability (Y/N): Yes, stable  
If no, under what conditions :  
INCOMPATIBILITY WITH OTHER SUBSTANCES (Y/N): Yes  
If so, which ones ? : Acids, Oxidizing and strong reducing agents.  
Under what conditions ? : Direct contact.  
Hazardous decomposition products : CO<sub>2</sub>.

**SECTION 11 - TOXICOLOGICAL PROPERTIES**

LD 50 OF MATERIAL (define animal species and route): N/AV mg/Kg (rat.. oral)  
LC 50 OF MATERIAL (define animal species and route): N/AV  
CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY, TOXIC EFFECTS ON REPRODUCTION: None known

**SECTION 12 - ECOLOGICAL INFORMATION**

Biodegradable.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL:  
Do not contaminate or pollute by careless disposal practices. Return empty drums or pails to a disposal site or to a reconditioner for proper recycling. All other waste is to be disposed according to government regulations in effect in your area.

**SECTION 14 - TRANSPORT INFORMATION**

SPECIAL SHIPPING INFORMATION: None regulated for transport.

**SECTION 15 - REGULATORY INFORMATION**

WHMIS Class - D-2B

**SECTION 16 - ADDITIONAL INFORMATION**

Prepared by : Lorna Djangjikian P.Ch. B.Sc.  
Date : 25 september 2013  
24 HOUR EMERGENCY TELEPHONE NUMBER: (514) 636-7779  
N/AV = not available                      N/AP = not applicable                      N/D = Not determined



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