

# Whiteley industries Pty. 123

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TEOHMAN DUILE

MEDICAL PRODUCTS DIVISION

# SONEX

# HOSPITAL AND LABORATORY EQUIPMENT DETERGENT

**SONEX** is a highly active liquid detergent free of colour and odour. It is specifically designed for manual and machine cleaning of anaesthetic equipment, instruments, plastic and glass utensils in hospitals, pathology and research laboratories.

**SONEX** is moderately alkaline, non flammable and completely safe for use when used in accordance with the directions. It is non corrosive at use dilution.

In formulating SONEX particular care was taken to ensure rapid and complete rinsibility so that cleaned articles are free of detergent residues. This is particularly important whenever research is being conducted and articles such as micro titre dishes must be completely detergent free after final rinsing. It is equally important that all medical instruments be completely free of detergent residues.

#### DIRECTIONS FOR USE

MANUAL WASHING Lightly soiled articles . . . . . . . . 5 ml per litre

Medium soiled articles . . . . . . . . . . . . 10 ml per litre Heavily contaminated articles . . . . . . . . . . . . . 15 ml per litre

The cleaning action will be accelerated if the solution can be heated.

Note: Gloves should always be worn during all manual cleaning procedures.

MACHINE WASHING Lightly soiled articles . . . . . . . 2.0 ml per litre

Medium soiled articles . . . . . 4.0 ml per litre Heavily contaminated articles . . . . 6.0 ml per litre

where machines have automatic dispensing systems manufacturer's instructions should be followed.

#### CHEMICAL COMPOSITION AND PROPERTIES

Surfactant system Anionic
Colour Colourless
Odour Odourless
pH (concentrate) 12.5 - 12.8
pH (0.5% dilution) 9.3 - 9.6

Foam properties . . . . . . . . . Controlled low foam

Solubility . . . . . . . Completely soluble in water

Abrasives None

Flash point None

Specific Gravity 1.060

Non Volatiles 12.9% M/V

Free Alkalinity 1.5% KOH

Soans and Amines None

Soaps and Amines . . . . . None

Toxicity . . . . . . Mildly toxic (alkalı only)

Shelf Life . . . . . . . . 2 years

POBOX 1076 NORTH SHOWEY 2059 (CO) 99299155 TAX 9920

# MATERIAL SAFETY DATA SHEET

#### STATEMENT OF HAZARDOUS NATURE:

Hazardous according to criteria of Worksafe Australia.

R34 Causes burns

R41 Risk of serious damage to eyes.

\$37/39 Wear suitable gloves and eye/face protection

\$24/25 Avoid contact with skin and eyes

COMPANY DETAILS

#### WHITELEY INDUSTRIES PTY. LTD. (A.C.N. 000 906 678)

Postal Address: P. O. Box 1076. North Sydney NSW 2059.

Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077

Emergency Telephone Number: Poisons Information Centre (National) 13 11 26

Product Name: SONEX		UN Number	1719
Intended Use: Instrument Detergent		Dangerous Goods Class	8
Product Type: Alkaline detergent		Subsidiary Risk	Nil
Date Issued: 31 <sup>st</sup> January, 2000.	Issue 5	Hazchem Code	2R
		Poisons Schedule	5

# PHYSICAL PROPERTIES

Specific Gravity ( $H_2O = 1$ ) 1 060

Solubility in Water Soluble

Appearance Odour. Colourless liquid with no perceptible odour

Flash Point Nil

Method Nil

Flammability Limits Lower, Nil Upper Nil

Other  $pH \ge 13$ 

### **INGREDIENTS**

Chemical Family	Hazardous Ingredients	CAS No.	Proportion
1 Alkali	Potassium Hydroxide	1310-58-3	20%
2 Surfactant 3 Nil	Sodium napthalenesulfonate Ingredients determined	68442-09-1	< 10%
	not to be hazardous		to 100%

# HEALTH HAZARD INFORMATION

#### **EFFECTS**

Eye (Contact) Will cause burning pain and reddening of the eyes

Skin (Contact): A mild to moderate irritant Prolonged or repeated contact may lead to dermatitis.

*Inhalation(Breathing)*: Not volatile at normal use temperatures

Ingestion (Swallowing): Will cause abdominal pain and nausea.

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#### DISCLAIMER

The user should consult the company prior to use of this MSDS to ensure this MSDS is the latest available for the product described. The information on this MSDS was based on the best information available to the company at the date listed. The user assumes full responsibility for proper use of this MSDS.

### HEALTH HAZARD INFORMATION

#### FIRST AID

Eye (Contact). Hold eyelids open and immediately irrigate with copious quantities of water for 15 minutes. Seek urgent medical assistance

Skin (Contact): Remove contaminated clothing Wash thoroughly with soap and water Obtain medical attention if irritation persists

Inhalation(Breathing): Not volatile at room temperature.

Ingestion (Swallowing): DO NOT induce vomiting. Give a glass of water. Seek immediate medical attention

Advice to Doctor: Treat symptomatically as for an alkaline detergent

## PRECAUTIONS FOR USE

Exposure Limits: Acute toxic data. Potassium Hydroxide (100%), Oral LD<sub>50</sub>(rat)= 365 mg/Kg

Note Effects are reduced upon dilution

Ventilation: Not normally required

Protective Equipment Gloves: Rubber or PVC

Eve Protection: Eye protection should be worn

Clothing & Other Projective Equipment: As required to prevent repeated eye or skin contact

Flammability: Nil

#### SAFE HANDLING INFORMATION

Storage & Transport Precautions: Store in a cool place

Spills & Disposal: Wash to drain with copious volume of water Caution Slippery when wet

Fire-Explosion Hazard:

Special Fire Fighting Procedures: Nil

Hazardous Decomposition Products: Unknown.

**WARNING:** Corrosive

Prepared By: G. PROBERT Position: FACTORY CHEMIST

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