



TELECOPIER

TRANSMITTAL SHEET

DATE: July 27/92

TO: TELECOPIER TELEPHONE NUMBER 315-425-5225

ATT: Kathy

FROM: m. moris NLD/MONTVALE

NUMBER OF PAGES (INCLUDING COVER PAGE) 7

TO REACH 

TELECOPIER MACHINE IN MONTVALE

DIAL (201) 573-5275

MACHINE IN CONTINUOUS 24 HOUR OPERATION

TO RECEIVE TRANSMITTALS

Material Safety Data Sheet**O-SYL (R) DISINFECTANT-DETERGENT**Page: 2
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03/19/90**SECTION #3 - PHYSICAL DATA Continued...**

Boiling Point: Not Applicable
Vapor Pressure: Not Applicable
Vapor Density (Air=1): Not Applicable
Specific Gravity: 1.09
Solubility (H₂O): Miscible
pH: 12.1

Appearance

Clear green liquid

SECTION #4 - FIRE FIGHTING & EXPLOSION DATA

Flash Point: 119°F TCC

Lower Explosive Limit (%): Not Determined
Upper Explosive Limit (%): Not Determined

Fire and Explosion Hazards

Combustible. Do not store near heat or open flame.

Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide, as suitable for the surrounding fire.

Special Fire Fighting Instructions

None Known.

SECTION #5 - EXPOSURE and EFFECTS - INHALATIONRoutes of Exposure - Inhalation

None known.

SECTION #5 - EXPOSURE and EFFECTS - SKINRoutes of Exposure - Skin

Prolonged and repeated contact will cause skin irritation.

First Aid - Skin

Wash with soap and water.

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03/19/90**SECTION #5 - EXPOSURE and EFFECTS - EYES****Routes of Exposure - Eyes**

Contact may cause permanent eye injury.

First Aid - Eyes

Immediately flush eyes with low pressure water. Remove contact lenses to insure a thorough flush and continue to flush with water for least 15 minutes. Get medical attention.

SECTION #5 - EXPOSURE and EFFECTS - INGESTION**Routes of Exposure - Ingestion**

Harmful if swallowed. May cause irritation of gastrointestinal tract.

First Aid - Ingestion

Drink several glasses of water to dilute the ingested material. Consult a physician immediately. Do not give liquids to an unconscious person. Do not induce vomiting.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SECTION #5 - MISCELLANEOUS TOXICOLOGICAL INFORMATION

Carcinogenicity: NTP: No IARC: No OSHA: No

SECTION #6 - REACTIVITY & POLYMERIZATION

Stability: Stable

Conditions to Avoid

None.

Incompatible Materials

None.

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03/19/90**SECTION #6 - REACTIVITY & POLYMERIZATION Continued...****Hazardous Decomposition Products**

None.

Hazardous Polymerization: Will not occur

SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES**Steps to be Taken in The Event of Spills, Leaks, or Release**

Spills may be flushed to sewer with large quantities of water.

Waste Disposal Methods

Dispose of in accordance with local, state and federal regulations.

Container Disposal: Do not re-use empty container. Rinse thoroughly with water and detergent. Discard in trash.

SARA Title III - Section 313 Supplier Notification:

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent of Mixture
120-32-1	O-BENZYL-P-CHLOROPHENOL	7.24
90-43-7	O-PHENYLPHENOL	2.23

This information must be included on all MSDSs that are copied and distributed for this material.

SECTION #8 - SPECIAL PROTECTIVE MEASURES**Ventilation**

None required.

Eye Protection

Wear eye protection when handling concentrate.

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**AMERICA'S FOREMOST MANUFACTURER OF
DISINFECTANTS AND DISINFECTANT-DETERGENTS
FOR ENVIRONMENTAL SANITATION**

**FOR USE BY PROFESSIONAL MAINTENANCE PERSONNEL ONLY
IN INSTITUTIONAL AND INDUSTRIAL FACILITIES**

O-SYL®

DISINFECTANT-DETERGENT

BACTERICIDAL* • Tuberculosis • Pseudomonas • Staphylococci
ANTISEPTIC* • (Against most aerobic viruses including herpes
 simplex, Vaccinia, Influenza A (Asian) and
 Adenovirus Type 2)
FUNGICIDAL* • (Against dermatophyte fungi)
PARASITIC* • Prevents the growth of round and flatworms

*On hard, non-porous surfaces in the presence of organic soil (5% blood serum) and 100 ppm hard water (see Ca. Ca.)

ACTIVE INGREDIENTS	
O-Syl®-Disinfectant	7.5%
Sodium Hypochlorite	4.5%
O-Syl®-Detergent	2.5%
NET CONTENTS:	16.5%

DANGER: KEEP OUT OF REACH OF CHILDREN

See Additional Precautions and Statement of Practical Treatment
on Side Panel

EPA Registration No. 875-02

NET CONTENTS: ONE GALLON (3.78 liters)

THE THERMAL LABORATORY
 LEWIS & FOSTER INDUSTRIAL PRODUCTS DIVISION
 OF STERLING DRUG INC.
 Washington, D.C. 20045 Farmington, Conn. 06032

HOW TO USE HOSPITAL TYPE O-SYL® DISINFECTANT-DETERGENT

INDICATIONS FOR USE
 It is a water-soluble product. Use in the presence of organic material. O-SYL®
 O-SYL® has been tested and found effective in the presence of organic material. O-SYL®
 should be used in a concentration of 1% to 5% depending on conditions. Following procedures outlined on
 this label.

PURPOSES
 FOR GENERAL CLEANING AND DECONTAMINATION
 AND CONTROL OF BLOOD AND SALIVA (SEE PRECAUTIONARY STATEMENTS)
 FOR SURFACE DECONTAMINATION
 FOR CONTROL OF BLOOD AND SALIVA IN SURFACE
 DECONTAMINATION
 FOR CONTROL OF BLOOD AND SALIVA IN SURFACE
 DECONTAMINATION

10% (100 ml/gal)	10% (100 ml/gal)	10% (100 ml/gal)	10% (100 ml/gal)
5% (50 ml/gal)	5% (50 ml/gal)	5% (50 ml/gal)	5% (50 ml/gal)
1% (10 ml/gal)	1% (10 ml/gal)	1% (10 ml/gal)	1% (10 ml/gal)

FOR DISINFECTION OF SURGICAL DENTAL INSTRUMENTS AND THERMOMETERS: Soak in
 5% solution for 10 minutes. Rinse with sterile water. O-SYL® should be used in a
 concentration of 5% to 10% depending on conditions. Following procedures outlined on
 this label.

FOR CONTROL OF BLOOD AND SALIVA IN SURFACE DECONTAMINATION: Soak in 5% solution for 10
 minutes. Rinse with sterile water. O-SYL® should be used in a concentration of 5% to 10%
 depending on conditions. Following procedures outlined on this label.

EFFECTIVE IN HARD, SOFT AND SOILED WATER
 TWO TABLETS (0.15 G) ABOUT 1 FLUID OUNCE OR 30 ML
 O-SYL® 50-50 AND ONE TABLET (0.15 G) ABOUT 1 FLUID OUNCE OR 30 ML

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER: KEEP OUT OF REACH OF CHILDREN

Contains Chlorine and Sodium Hypochlorite. Causes eye irritation. Do not get in eyes or
 on or in clothing. Wash thoroughly after handling. Wear goggles or face shield and rubber gloves
 when handling. Avoid breathing of fumes.

STATEMENT OF PRACTICAL TREATMENT
 If in eyes: Flush with water for 15 minutes. Do not rub. Remove contact lenses if worn. Wash and
 flush for 15 minutes. If on skin: Wash thoroughly with soap and water. Do not rub. Do not
 breathe. If in mouth: Spit out. Do not swallow. If inhaled: Get fresh air. If necessary, seek
 medical attention. If severe: Seek medical attention.

PHYSICAL OR CHEMICAL HAZARD
 Do not use in areas with high humidity.

NOTE TO PHYSICIAN:
 Product contains chlorine. May cause irritation to skin or respiratory tract.
 Material causes respiratory distress. Respiratory distress and irritation may be relieved.

STORAGE/DISPOSAL: Storage: Store in original container. Do not store in areas
 where children, pets, or livestock may have access. Do not store in areas where
 children, pets, or livestock may have access. Do not store in areas where
 children, pets, or livestock may have access.

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03/19/90**O-SYL (R) DISINFECTANT-DETERGENT**National Laboratories
Lehn & Fink Products Company
225 Summit Avenue
Montvale, NJ 07645

Telephone Number: (201)573-5700 (24 hrs)

Emergency Contact: CHEMREC
Emergency Phone Number: (800)424-9300**SECTION #1 - IDENTIFICATION**

Product: O-SYL (R) DISINFECTANT-DETERGENT

CAS Number: Not Applicable
EPA Reg. No.: 675-46
Product Code: ED-56
Formula No.: X-2161-3NFPA Hazard Rating - Health: 3 High
- Fire: 2 Moderate
- Reactivity: 0 Negligible

Special Hazards: Severe irritant.

Product Description: Disinfectant-Detergent

This product is a registered pesticide. Use of this product in a manner not consistent with the label instructions is a violation of federal law.

SECTION #2 - HAZARDOUS CHEMICAL COMPONENTS

Component: ISOPROPYL ALCOHOL

CAS Number: 67-63-0

ACGIH TLV-TWA: 400 ppm

ACGIH TLV-STEL: 500 ppm

Percent of Mixture: 4.04

OSHA PEL-TWA: 400 ppm

OSHA PEL-STEL: 500 ppm

Component: O-BENZYL-P-CHLOROPHENOL

CAS Number: 120-32-1

No exposure limits established
by ACGIH or OSHA

Percent of Mixture: 7.24

Component: O-PHENYLPHENOL

CAS Number: 90-43-7

No exposure limits established
by ACGIH or OSHA

Percent of Mixture: 2.23

SECTION #3 - PHYSICAL DATA

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