

PROFESSIONAL O-SYL(R) DISINFECTANT-DETERGENT MSDS

MATERIAL SAFETY DATA SHEET

PROFESSIONAL O-SYL(R) DISINFECTANT-DETERGENT

REV. DATE 09/21/93

NATIONAL LABORATORIES
L & F PRODUCTS
225 SUMMIT AVENUE
MONTVALE, NY 07645

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EMERGENCY CONTACT: CHEMTREC-FOR DOT EMERGENCIES ONLY
EMERGENCY PHONE NUMBER: (800) 424-9300

SECTION #1 - IDENTIFICATION

PRODUCT: PROFESSIONAL O-SYL(R) DISINFECTANT-DETERGENT

PRODUCT CODE: 09-D0056-000
EPA REG. NO.: 675-46
CHEMICAL FORMULA: X-2161-3

SPECIAL HAZARDS: COMBUSTIBLE. SEVERE IRRITANT.

HAZARD RATINGS:

| | | | | | |
|-------------|---|------------|-------------|---|----------|
| NFPA | | | HMIS | | |
| HEALTH: | 3 | HIGH | HEALTH: | 3 | SERIOUS |
| FIRE: | 2 | MODERATE | FIRE: | 2 | MODERATE |
| REACTIVITY: | 0 | NEGLIGIBLE | REACTIVITY: | 0 | MINIMAL |

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 | PERCENT OF MIXTURE: 4.04 |
| ACGIH TLV-TWA: 400 PPM | OSHA PEL-STEL: 500 PPM |
| ACGIH TLV-STEL: 500 PPM | |
| OSHA PEL-TWA: 400 PPM | |

COMPONENT: O-BENZYL-P-CHLOROPHENOL

| | |
|---|--------------------------|
| CAS NUMBER: 120-32-1 | PERCENT OF MIXTURE: 7.24 |
| NO EXPOSURE LIMITS ESTABLISHED BY ACGIH OR OSHA | |

COMPONENT: O-PHENYLPHENOL

| | |
|---|--------------------------|
| CAS NUMBER: 90-43-7 | PERCENT OF MIXTURE: 2.23 |
| NO EXPOSURE LIMITS ESTABLISHED BY ACGIH OR OSHA | |

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SECTION #3 - PHYSICAL DATA

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:
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:
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING APPROPRIATE FOR FIGHTING A TYPICAL CHEMICAL FIRE.

SECTION #5 - EXPOSURE EFFECTS AND FIRST AID

ROUTE OF EXPOSURE - INHALATION:
NONE KNOWN.

FIRST AID - INHALATION:
NONE NORMALLY REQUIRED.

ROUTE OF EXPOSURE - SKIN:
CAUSES SKIN IRRITATION.

FIRST AID - SKIN:
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.

ROUTE OF EXPOSURE - EYES:
CORROSIVE. CAUSES EYE DAMAGE.

FIRST AID - EYES:
IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER, REMOVE ANY CONTACT LENSES AND CONTINUE TO FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

ROUTE OF EXPOSURE - INGESTION:
HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION OF THE MOUTH, THROAT AND GASTROINTESTINAL TRACT.

FIRST AID - INGESTION:
PROMPTLY DRINK A LARGE QUANTITY OF WATER TO DILUTE THE PRODUCT. GET IMMEDIATE MEDICAL ATTENTION.

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NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK, RESPIRATORY DEPRESSION AND CONVULSION MAY BE NEEDED.

MISCELLANEOUS TOXICOLOGICAL INFORMATION:
CARCINOGENICITY: NTP: NO IARC: NO OSHA: NO

SECTION #6 - REACTIVITY & POLYMERIZATION

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY):
NONE KNOWN.

INCOMPATIBLE MATERIALS:
NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON DIOXIDE, CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING THERMAL DECOMPOSITION.

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.

PLEASE ENCOURAGE STATE AND LOCAL AUTHORITIES TO ESTABLISH A RECYCLING PROGRAM SO THAT THIS BOTTLE CAN BE RECYCLED.

SARA TITLE III NOTIFICATIONS AND INFORMATION:
SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC 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.

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SECTION #8 - SPECIAL PROTECTIVE MEASURES

VENTILATION:
NONE REQUIRED.

EYE PROTECTION:
WEAR GOGGLES OR FACE SHIELD WHEN HANDLING.

SKIN PROTECTION:
WEAR RUBBER GLOVES WHEN HANDLING.

RESPIRATORY PROTECTION:
NONE REQUIRED.

OTHER PROTECTION:
NONE REQUIRED.

SECTION #9 - SPECIAL PRECAUTIONS - STORAGE & HANDLING

STORAGE AND HANDLING CONDITIONS:
STORE IN ORIGINAL CONTAINER IN AREAS INACCESSIBLE TO SMALL CHILDREN. KEEP SECURELY CLOSED.

SECTION #11 - OTHER INFORMATION

NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW ACT:

THIS EPA REGISTERED PRODUCT IS EXEMPT FROM THE LABELING REQUIREMENTS OF THE ABOVE ACT.

N.J.A.C. 8:59-5.5 #1

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