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MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

SHEET NO. 3029

PRODUCT NAME: LYSOL (R) BRAND DISINFECTANT SPRAY

--ORIGINAL, FRESH, LIGHT, COUNTRY SCENT.

PRODUCT NO. 406-1004, 406-0989, 406-1047

REV. DATE: 04-09-91

CAS NUMBER: NOT APPLICABLE

EPA REG. NO.: 777-53

PRODUCT CODE: LC-111

FORMULA NO.: Z2381, 4Z1961, 8Z0531

SYNONYMS: LYSOL BRAND DISINFECTANT SPRAY - ORIGINAL, FRESH, LIGHT, COUNTRY SCENT.

NFPA HAZARD RATING: HEALTH: 1 SLIGHT
FIRE: LEVEL 1 AEROSOL
REACTIVITY: 0 NEGLIGIBLE

SPECIAL HAZARDS: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE.

PRODUCT DESCRIPTION: AEROSOL DISINFECTANT

THIS PRODUCT IS A REGISTERED PESTICIDE. USE OF THIS PRODUCT IN A MANNER NOT CONSISTENT WITH THE LABEL INSTRUCTIONS IS VIOLATION OF FEDERAL LAW.

SECTION 2- HAZARDOUS CHEMICAL COMPONENTS

COMPONENT: CARBON DIOXIDE (AS PROPELLANT)

CAS NUMBER: 124-38-9

ACGIH TLV-TWA: 5,000 PPM

ACGIH TLV-STEL: 30,000 PPM

PERCENT OF MIXTURE: 4.0

OSHA PEL-TWA: 10,000 PPM

OSHA PEL-STEL: 30,000 PPM

COMPONENT: ETHANOL

CAS NUMBER: 64-17-5

ACGIH TLV-TWA: 1,000 PPM

PERCENT OF MIXTURE: 79.0

OSHA PEL-TWA: 1,000 PPM

COMPONENT: ORTHO-PHENYLPHENOL

CAS NUMBER: 90-43-7

NO EXPOSURE LIMITS ESTABLISHED BY ACGIH OR OSHA.

PERCENT OF MIXTURE: .1

SECTION 3- PHYSICAL DATA

BOILING POINT: 78 - 105 C
VAPOR PRESSURE: 95 - 105 PSIG
VAPOR DENSITY (AIR=1): >1
SPECIFIC GRAVITY: 0.835 @ 25 C
SOLUBILITY (H2O): MISCIBLE
PH: 10 AT A CONCENTRATION OF: 50%
APPEARANCE: AEROSOL SPRAY CAN.

SECTION 4- FIRE FIGHTING & EXPLOSION DATA

FLASH POINT: 70 F TCC (CONCENTRATE)
FLAMMABILITY CLASS: LEVEL 1 AEROSOL
LOWER EXPLOSIVE LIMIT (%): NOT DETERMINED
UPPER EXPLOSIVE LIMIT (%): NOT DETERMINED

FIRE AND EXPLOSION HAZARDS:

CONTENTS UNDER PRESSURE. DO NOT USE NEAR HEAT, SPARK OR OPEN FLAME. DO NOT PUNCTURE OR INCINERATE CONTAINER. EXPOSURE TO TEMPERATURES ABOVE 120 F. MAY CAUSE BURSTING.

EXTINGUISHING MEDIA:

WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON DIOXIDE. USE MEDIA SUITABLE FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

SPECIAL FIRE FIGHTING INSTRUCTIONS:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE EQUIPMENT APPROPRIATE FOR FIGHTING A TYPICAL CHEMICAL FIRE. MOVE CONTAINERS AWAY FROM FIRE IF POSSIBLE AND SAFE TO DO SO. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

SECTION 5- EXPOSURE AND EFFECTS

SHEET NO. 3029

EXPOSURE AND EFFECTS - INHALATION:

ROUTES OF EXPOSURE - INHALATION: NONE EXPECTED.

SUSCEPTIBLE INDIVIDUALS MAY EXPERIENCE DIZZINESS, DROWSINESS, NAUSEA AND VOMITING IF EXPOSED TO EXTREMELY HIGH CONCENTRATIONS OF THE VAPORS.

FIRST AID - INHALATION:

IF REQUIRED, REMOVE VICTIM TO FRESH AIR.

EXPOSURE AND EFFECTS - SKIN:

ROUTES OF EXPOSURE - SKIN: NONE EXPECTED.

EXPOSURE AND EFFECTS - EYES:

ROUTES OF EXPOSURE - EYES: MAY CAUSE MILD TEMPORARY EYE IRRITATION.

FIRST AID - EYES:

IF CONTACT OCCURS, IMMEDIATELY FLUSH EYES WITH PLENTY OF LOW PRESSURE WATER. REMOVE CONTACT LENSES TO INSURE A THOROUGH FLUSH AND CONTINUE TO FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

EXPOSURE AND EFFECTS - INGESTION:

ROUTES OF EXPOSURE - INGESTION:

INGESTION IS VERY UNLIKELY THROUGH THE NORMAL ANTICIPATED USE OF THIS PRODUCT. INGESTION OF SMALL QUANTITIES IS NOT EXPECTED TO CAUSE ANY SIGNIFICANT ADVERSE EFFECTS.

FIRST AID - INGESTION:

ADMINISTER WATER TO DILUTE THE INGESTED MATERIAL. CONSULT A PHYSICIAN. DO NOT GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.

MISCELLANEOUS TOXICOLOGICAL INFORMATION

CARCINOGENICITY: NTP: NO IARC: NO OSHA: NO

SECTION 6- REACTIVITY & POLYMERIZATION

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID TEMPERATURES ABOVE 120 F.

INCOMPATIBLE MATERIALS:

STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON DIOXIDE, CARBON MONOXIDE, AND 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:

FOR LARGE SPILLS, VENTILATE THE AREA. COLLECT LIQUID AND STORE IN SUITABLE CONTAINERS FOR DISPOSAL.

WASTE DISPOSAL METHODS:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

OTHER ENVIRONMENTAL INFORMATION:

NONE OF THE INGREDIENTS OF THIS PRODUCT ARE LISTED UNDER THE SARA TITLE III, SECTION 313 LIST OF TOXIC CHEMICALS.

SECTION 8- SPECIAL PROTECTIVE MEASURES

VENTILATION: NONE REQUIRED

EYE PROTECTION: NONE REQUIRED

SKIN PROTECTION: NONE REQUIRED

RESPIRATORY PROTECTION: NONE REQUIRED

SECTION 9- SPECIAL PRECAUTIONS - STORAGE & HANDLING

STORAGE & HANDLING CONDITIONS:

STORE IN A COOL, DRY LOCATION AWAY FROM HOT SURFACES, SPARKS OR FLAMES
CONTENTS UNDER PRESSURE. DO NOT USE NEAR FIRE, SPARKS OR FLAME.