



Manufacturers of Carpet Cleaning Equipment,
Chemicals, and Janitorial Supplies.
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MATERIAL SAFETY DATA SHEET
AND SAFE HANDLING AND DISPOSAL INFORMATION

DATE: OCTOBER 05, 2000

PRODUCT NAME: DISINFECTANT LINEN FRESH SPRAY

SUPERSEDES: ALL PREVIOUS

PRODUCT NUMBER: #4013

PG 1/2

SECTION I - EMERGENCY CONTACTS

NAMCO MANUFACTURING INC. (713) 932-8293 OR (800) 634-5816

POISON CENTER: (800) 764-7661

**SECTION II - MATERIAL IDENTIFICATION AND INFORMATION -
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES**

(HAZARDOUS COMPONENTS 1% OR GREATER; CARCINOGENS 0.1% OR GREATER)

| | CAS NUMBER | SARA III LIST | OSHA PEL (PPM) | ACGIH TLV (PPM) | CARCINOGEN REF. SOURCE ** |
|-------------------------|---------------|------------------|-------------------|--------------------|------------------------------|
| ETHANOL | 64-17-5 | NO | 1000 | 1000 | D |
| SODIUM NITRITE | 7632-00-0 | NO | N/E | N/E | D |
| AMMONIUM HYDROXIDE | 1336-21-6 | NO | 35 | 25 | D |
| ISOBUTANE/PROPANE BLEND | 75-28-5 | NO | 800 | 800 | D |
| | 74-98-6 | NO | 1000 | 1000 | D |
| METHANOL | 67-56-1 | YES | 200 | 200 | D |
| O-PHENYLPHENOL | 90-43-7 | YES | NE | NE | E |

WARNING: THIS PRODUCT CONTAINS A CHEMICAL OR CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS -

BOILING POINT: N/A

SPECIFIC GRAVITY (H20=1): CONCENTRATE ONLY = 0.880

VAPOR PRESSURE: PSIG @ 70° F (AEROSOLS): MAX. 60

VAPOR PRESSURE (NON-AEROSOLS)(MM HG AND TEMPERATURE): N/A

VAPOR DENSITY (AIR = 1): N/E

SOLUBILITY IN WATER: SOLUBLE

WATER REACTIVE: NO

APPEARANCE AND ODOR: CLEAR, COLORLESS SPRAY, LIGHT AIRY FRAGRANCE

SECTION IV - FIRE & EXPLOSION HAZARD DATA -

FLAMMABILITY AS PER USA FLAME PROJECTION TEST: NON FLAMMABLE

AUTO IGNITION TEMPERATURE: N/E

EXTINGUISHER MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER

UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT EXPOSE AEROSOLS TO TEMPERATURES ABOVE 130° F OR THE CONTAINER MAY RUPTURE.

HEALTH : 2
FIRE : 3
REACTIVITY : 0
SPECIAL :

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SECTION V - REACTIVITY DATA -

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (MAT. TO AVOID): OXIDANTS, REDUCING AGENTS, AMMONIUM SALTS

CONDITIONS TO AVOID: OPEN FLAME, WELDING ARCS, HEAT, SPARKS

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2
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SECTION VI - HEALTH HAZARD DATA -

PRIMARY ROUTES OF ENTRY: INHALATION

ACUTE EFFECTS:

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN BE HARMFUL AND MAY CAUSE HEADACHE, DIZZINESS, ASPHYXIA, ANESTHETIC EFFECTS AND POSSIBLE UNCONSCIOUSNESS

EYE CONTACT: MILD IRRITATION

SKIN CONTACT: POSSIBLE MILD IRRITATION

INGESTIONS: POSSIBLE CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS. NAUSEA.

CHRONIC EFFECTS: EFFECTS DUE TO EXCESSIVE EXPOSURE TO THE RAW MATERIALS OF THIS MIXTURE) OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE, LIVER ABNORMALITIES, BRAIN DAMAGE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: MAY AGGRAVATE EXISTING EYE, SKIN OR UPPER RESPIRATORY CONDITIONS
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SECTION VII – EMERGENCY FIRST AID PROCEDURES –

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATED, SEEK MEDICAL ATTENTION

SKIN CONTACT: WASH WITH SOAP AND WATER. IF IRRITATED, SEEK MEDICAL ATTENTION

INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET MEDICAL ATTENTION

INGESTION: DO NOT INDUCE VOMITING. DRINK TWO LARGE GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION.
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SECTION VIII – CONTROL AND PROTECTIVE MEASURES –

RESPIRATORY INFORMATION: IF VAPOR CONCENTRATION EXCEEDS TLV, USE RESPIRATOR APPROVED BY NIOSH IN POSITIVE PRESSURE MODE

PROTECTIVE GLOVES: LATEX, IF SKIN EASILY IRRITATED

EYE PROTECTION: SAFETY GLASSES RECOMMENDED.

VENTILATION REQUIREMENTS: ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV.

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: NONE

HYGIENIC WORK PRACTICES: WASH WITH SOAP AND WATER BEFORE HANDLING FOOD. REMOVE CONTAMINATED CLOTHING.
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SECTION IX – PRECAUTIONS FOR SAFE HANDLING AND USE -

STEP TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: ABSORB WITH SUITABLE MEDIUM. INCINERATE OR LANDFILL ACCORDING TO LOCAL, STATE OR FEDERAL REGULATIONS

WASTE DISPOSAL METHODS: AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESSURE THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 130° F

OTHER PRECAUTIONS AND OR SPECIAL HAZARDS: KEEP OUT OF REACH OF CHILDREN. AVOID FOOD CONTAMINATION. AVOID BREATHING VAPORS. REMOVE IGNITION SOURCES. DO NOT USE ON POLISHED WOOD FURNITURE OR RAYON FABRICS.
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