MATERIAL SAFETY DATA SHEET Page: 1 of 3

NATIONAL SANITARY SUPPLY CO. 13217 S. Figueroa Street Los Angeles, California 90061 Emergency No. 1-800-535-5053 (INFOTRAC) Call nearest Sales Office for MSDS Information

SECTION 1. IDENTIFICATION OF PRODUCT

Product Name: LIQUID CONTRAST Date Issued: 09/11/90

Supercedes: 11/25/85 National Item#: 2836XX

SECTION 2. INGREDIENTS CAS NUMBER PERCENT EXPOSURE LIMITS IN AIR

OSHA PEL ACGIH TLV OTHER _____

ISOPROPYL ALCOHOL 67-63-01 13.00 400 ppm TWA 400 ppm

ETHOXYLATED NONYL

PHENOL 26027-38-3 2.5 NOT ESTABLISHED METHYL SALICYLATE 119-36-8 1% LD50 1500 MG

WATER >75.00

N/A = Not Applicable; N/D = Not Determined

SECTION 3. PHYSICAL DATA

Boiling Point (F): 212 Specific Gravity (Water=1): .98 Vapor Pressure (mm Hg.):< 17 Percent Volatile (By Volume): 96
Vapor Density (Air=1): N/D Evaporation Rate (Water=1): 1
pH Range: 8.0

Appearance and Odor: CLEAR GREEN/ MINT SCENT

Section 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Test Method): (TCC) 90 F Flammable Limits: LEL= 2 UEL= 12

Extinguishing Media: CO2, DRY CHEMICAL, FOAM, WATER FOG.

Special Fire Fighting Procedures: NORMAL FIRE FIGHTING PROCEDURES MAY BE USED, COOL AND USE CAUTION WHEN APPROACHING OR HANDLING FIRE EXPOSED CONTAINERS.

Unusual Fire & Explosion Hazards: CONTAINERS MAY BURST IN HEAT.

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SECTION 5. REACTIVITY DATA

Stability: STABLE

Incompatibility - Materials to Avoid: NONE KNOWN TO NSS

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: NONE KNOWN TO NSS

Hazardous Decomposition Products: WHEN EXPOSED TO FIRE, PRODUCES NORMAL

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PRODUCTS OF COMBUSTION.

SECTION 6. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill Response: FOR SMALL SPILLS. DILUTE WITH WATER AND PICK UP WITH MOP AND PAIL. FOR LARGE SPILLS, DIKE AREA TO CONTAIN SPILL. CLEAN UP USING ABSORBENT MATERIAL. PLACE ALL CONTAMINATED MATERIAL IN A CLOSED CONTAINER FOR DISPOSAL.

Product Disposal: WASTE FOR DILUTED PRODUCT MAY BE FLUSHED TO SEWER. UNDILUTED PRODUCT RECOVERED FROM SPILLS MAY BE SENT TO A LICENSED DISPOSAL FACILITY TO BE DISPOSED OF IN ACCORDANCE WITH FEDERAL/STATE REGULATIONS AND LOCAL ORDINANCES.

Container Disposal: TRIPLE RINSE EMPTY CONTAINER THOROUGHLY WITH WATER AND DISCARD IN REGULAR TRASH COLLECTION IF ALLOWED BY LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 7. HEALTH HAZARD DATA

Primary Route(s) of Entry: EYES, SKIN

Symptoms of Overexposure:

Eye Contact: LIQUID OR HIGH CONCENTRATIONS OF VAPOR CONTACT MAY CAUSE IRRITATION

Skin Contact: PROLONGED AND REPEATED CONTACT CAN CAUSE DRYNESS AND IRRITATION

Inhalation: NO HEALTH EFFECTS ARE KNOWN TO OCCUR FROM INHALATION OF THIS PRODUCT UNDER NORMAL USE IN WELL VENTILATED AREAS. HIGH AIRBORNE CONCENTRATIONS OF MIST OF THIS PRODUCT MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT.

Ingestion: MAY CAUSE MARKED AND PERSISTENT NAUSEA, VOMITING AND ABDOMINAL PAIN. IF VOMITING OCCURS FOLLOWING INGESTION, ASPIRATION (BREATHING) OF VOMITUS INTO THE LUNGS CAN CAUSE BRONCHOPNEUMONIA OR PULMONARY ADEMA.

THE ISOPROPYL ALCOHOL AND 2 BUTOXY ETHANOL LISTED IN SECTION 2 ARE NOT LISTED ON THE OSHA, NTP, OR IARC MONOGRAPHS CARCINOGEN LISTS.

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SECTION 8. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: FLUSH EYE WITH WATER FOR 15 MINUTES WHILE HOLDING EYE LID OPEN

Skin Contact: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

Inhalation: MOVE PERSON TO FRESH AIR. IF SYMPTOMS OF RESPIRATORY DISCOMFORT PERSISTS, GET MEDICAL ATTENTION.

Ingestion: REQUIRES IMMEDIATE MEDICAL MANAGEMENT. DRINK MILK OR WATER AND GET MEDICAL ADVICE. VOMITING SHOULD BE INDUCED ONLY ON RECOMMENDATION OF MEDICAL PERSONNEL.

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SECTION 9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: NONE REQUIRED Ventilation: NORMAL VENTILATION Protection Gloves: NONE REQUIRED Eye Protection: NONE REQUIRED

Other Protective Clothing/Equipment: NONE REQUIRED

SECTION 10. ADDITIONAL INFORMATION AND PRECAUTIONS

SARA TITLE III H&P RATINGS: Acute, YES; Chronic, NO; Fire, YES;

Press. Release, NO; Reactive, NO; NFPA RATINGS: HEALTH -2 FIRE -3 REACTIVITY -0 SPECIFIC -0

Handling and Storage Precautions: FOLLOW LABEL DIRECTIONS. STORE IN A COOL DRY PLACE. KEEP OUT OF REACH OF CHILDREN.

SECTION 11. REGULATORY CLASSIFICATIONS

Proper Shipping Name (DOT): ISOPROPANOL Hazard Class (DOT): FLAMMABLE LIQUID

UN Number: 1219 NA Number: N/A

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET REPRESENTS THE LATEST DATA AND BEST OPINION AS TO THE PROPER USE AND HANDLING OF THIS PRODUCT UNDER NORMAL CONDITIONS. ANY USE OF THIS PRODUCT OR METHOD OF APPLICATION WHICH IS NOT IN CONFORMANCE WITH THIS DATA SHEET AND THE PRODUCT LABEL DIRECTIONS, IS THE RESPONSIBILITY OF THE USER. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION REGULATION.
