

NFPA RATING* HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 SPECIAL 0
HMIS RATING* HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 PERSONAL PROTECTION

MATERIAL SAFETY DATA SHEET DOT HAZARD CLASSIFICATION*: ORM-D
THIS MSDS COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 AND OSHA FORM 174. IDENTITY (TRADE NAME AS USED ON LABEL) CYTOLOGY FIXATIVE

ANDERSON WINN PAPER CO./CYTEX MSDS NUMBER* S120A-1
ADDRESS
14937 SAN FERNANDO MISSION BLVD.
MISSION HILLS CA 91345 DATE PREPARED 2/27/92

PHONE NUMBER (FOR INFORMATION) 818-898-1941 PREPARED BY*
EMERGENCY PHONE NUMBER 1-800-255-3924 CHEM-TEL NOTICE: JUDGEMENT BASED ON INDIRECT TEST

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - CHEMICAL NAME & COMMON NAMES (HAZARDOUS COMPONENTS 1% OR GREATER; CARCINOGENS 0.1% OR GREATER) CAS NUMBER APPROX. % (WT)* OSHA PEL (PPM) ACGIH TLV (PPM) CARCINOGEN REFERENCE SOURCE

ISOPROPRANOL	67-63-0	50	400	400	D
ISOBUTANE/PROPANE BLEND	75-28-5/74-98-6	50	1000	1000	D

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NA
VAPOR PRESSURE: PSIG @ 70 F (AEROSOLS): MAX. 60
VAPOR DENSITY (AIR=1): NE
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: CLEAR SPRAY, ISOPROPYL ALCOHOL ODOR
SPECIFIC GRAVITY (H2O=1): .83
VAPOR PRESSURE (NON-AEROSOLS) (MM HG AND TEMPERATURE): NA
EVAPORATION RATE (=1): NE
WATER REACTIVE: NO

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY AS PER USA FLAME PROJECTION TEST (AEROSOLS): NON-FLAMMABLE
AUTO-IGNITION TEMPERATURE: NE
FLAMMABILITY LIMITS IN AIR % BY VOLUME: LEL: NE UEL
FLASH POINT AND METHOD USED (NON-AEROSOLS): NA
EXTINGUISHER MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT EXPOSE TO TEMPERATURES ABOVE 130 F OR CONTAINER MAY RUPTURE.

* OPTIONAL ** CHEMICAL LISTED AS CARCINOGEN A NTP C OSHA

PAGE 1

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY CONDITIONS TO AVOID: OPEN FLAME, WELDING ARCS, HEAT, SPARKS
X STABLE
UNSTABLE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: NONE KNOWN
MAY OCCUR
X WILL NOT OCCUR

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: X INHALATION INGESTION NOT HAZARDOUS

X SKIN ABSORPTION EYE

ACUTE EFFECTS:

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN BE HARMFUL AND MAY CAUSE HEADACHE, DIZZINESS, ANESTHETIC EFFECTS AND POSSIBLE UNCONSCIOUSNESS.
EYE CONTACT: SLIGHT IRRITATION
SKIN CONTACT: SLIGHT IRRITATION
INGESTION: POSSIBLE CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS.

CHRONIC EFFECTS: NONE KNOWN

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: MAY AGGRAVATE EXISTING EYE, SKIN, OR UPPER RESPIRATORY CONDITIONS.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATED, SEE PHYSICIAN.
SKIN CONTACT: WASH WITH SOAP AND WATER. IF IRRITATED, SEE PHYSICIAN.
INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET MEDICAL AID.
INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE AMOUNTS OF WATER. CALL PHYSICIAN.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): IF VAPOR CONC. EXCEEDS TLV, USE RESPIRATOR APPROVED BY NIOSH TO BE USED IN A POSITIVE MODE.
PROTECTIVE GLOVES: DISPOSABLE LATEX GLOVES SUGGESTED.
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.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: FLUSH TO SEWER WITH WATER.
WASTE DISPOSAL METHODS: AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESSURE THROUGH NORMAL USE POSE DISPOSAL HAZARD.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT STORE ABOVE 130 F.
OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: AVOID FOOD CONTAMINATION. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS.

PAGE 2

WE BELIEVE THE STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE RELIABLE, BUT ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED.

PAGE 3 (LAST PAGE)