

CHRONIC INHALATION.....: Chronic exposure to organic solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include: loss of memory, loss of intellectual ability, and loss of coordination.
ACUTE SKIN CONTACT.....: Contact with isopropanol may cause irritation resulting in stinging, reddening and itching.
CHRONIC SKIN CONTACT.....: Chronic skin exposure to solvents may cause effects similar to those identified under chronic inhalation effects.
ACUTE EYE CONTACT.....: Contact with isopropanol may cause irritation resulting stinging, reddening, tearing and itching.
CHRONIC EYE CONTACT.....: None known.
ACUTE INGESTION.....: Ingestion of this product may cause symptoms similar to those described under Acute Inhalation.
CHRONIC INGESTION.....: None known

CARCINOGENICITY.....: This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE.....: Persons with preexisting eye and skin disorders and impaired pulmonary function may be more susceptible to the effects of this product.

4. FIRST AID MEASURES:

FIRST AID FOR EYES.....: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
FIRST AID FOR SKIN.....: In case of contact, remove contaminated clothing, immediately wash skin with plenty of water. Wash clothing before reuse. Call a physician if irritation persists.
FIRST AID FOR INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
FIRST AID FOR INGESTION.: If swallowed, call a physician immediately.

5. FIRE FIGHTING MEASURES:

FLASH POINT.....: Isopropanol: 54 F (12 C)
FLAMMABLE LIMITS:
UPPER EXPLOSIVE LIMIT (UEL)(%): 12.7 Isopropanol
LOWER EXPLOSIVE LIMIT (LEL)(%): 2 Isopropanol
EXTINGUISHING MEDIA.....: Water; Dry Chemical; Carbon Dioxide; Foam
SPECIAL FIRE FIGHTING PROCEDURES: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters. During a fire irritating and highly toxic gases may be generated by thermal decomposition or combustion. Solvent vapors may be heavier than air. Stagnant air may cause vapors to build up and travel along the ground to an ignition source which may result in a flash back to the source of the vapors.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.....: Utilize recommended protective clothing. Spills should be taken up with an appropriate absorbent and placed in approved containers. Spill area can be washed with water. Collect wash water for approved disposal.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE(MIN/MAX): Not Established
SHELF LIFE.....: Not Established
SPECIAL SENSITIVITY.....: None known.

HANDLING/STORAGE PRECAUTIONS: Avoid breathing mist and vapors. Avoid contact

with eyes and skin. Wash thoroughly after handling. Store in a dry place away from excessive heat, in original or similar waterproof containers. Reseal containers immediately after use. Take precautions against electrostatic discharges. This product is flammable. Keep away from heat, sparks and open flame.

OTHER NOTES.....: Keep out of the reach of children.

8. PERSONAL PROTECTION:

EYE PROTECTION REQUIREMENTS.....: Chemical safety goggles
SKIN PROTECTION REQUIREMENTS.....: Rubber gloves and long sleeved shirts and pants to minimize skin contact. Employees should wash their hands and face before eating, drinking or using tobacco products.
VENTILATION REQUIREMENTS.....: Use sufficient general room ventilation and/or local exhaust to maintain airborne levels of vapors below applicable exposure limits (see Section 2).
RESPIRATOR REQUIREMENTS.....: An air-purifying particulate/organic vapor cartridge respirator is required anytime inhalation of vapor is possible. Observe OSHA regulations for respirator use (29 CFR 1910.134).
ADDITIONAL PROTECTIVE MEASURES.....: Emergency showers and eye wash stations should be made available. Educate and train employees in the safe use and handling of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Liquid
COLOR.....: Colorless
ODOR.....: Alcohol
pH: Not Established
BOILING POINT.....: Approx. 180 F (82 C)
MELTING/FREEZING POINT....: Less than 32 F (0 C)
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: Not Established
BULK DENSITY.....: Not Established
VAPOR PRESSURE: Not Established

10. STABILITY AND REACTIVITY:

STABILITY.....: This is a stable material.
HAZARDOUS POLYMERIZATION...: Will not occur.
INCOMPATIBILITIES.....: Oxidizing and reducing agents.
INSTABILITY CONDITIONS.....: None Known
DECOMPOSITION PRODUCTS.....: CO, CO2, and other potentially toxic fumes.

11. TOXICOLOGICAL INFORMATION:

NO ANIMAL TOXICITY INFORMATION AVAILABLE

12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD.....: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME.....: Isopropanol and water
PRODUCT LABEL.....: Curix Screen Cleaner

DOT (DOMESTIC SURFACE)

PROPER SHIPPING NAME.....: Isopropanol, solution
 HAZARD CLASS OR DIVISION: 3
 UN/NA NUMBER.....: UN1219
 PACKING GROUP: II
 DOT PRODUCT RQ lbs (kgs).....: None
 HAZARD LABEL(s).....: Flammable Liquid
 HAZARD PLACARD(s).....: Flammable
 Limited Quantity Exception may apply to this product, for "inner packagings not over 1.0 L (0.3 gal)" 173.150(b)(2). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For futher information consult the 49 CFR.

IMO / IMDG CODE (OCEAN)

PROPER SHIPPING NAME.....: Isopropanol
 HAZARD CLASS DIVISION NUMBER...: 3.2
 UN NUMBER.....: UN1219
 PACKAGING GROUP.....: II
 HAZARD LABEL(s).....: Flammable Liquid
 HAZARD PLACARD(s).....: Flammable Liquid

ICAO / IATA (AIR)

PROPER SHIPPING NAME.....: Isopropanol
 HAZARD CLASS DIVISION NUMBER...: 3
 UN NUMBER.....: UN1219
 SUBSIDIARY RISK.....: None
 PACKING GROUP.....: II
 HAZARD LABEL(s).....: Flammable Liquid
 RADIOACTIVE?.....: Non-Radioactive
 PASSENGER AIR - MAX. QTY.: 5 L
 PASSENGER PACKING INSTRUCTION..: 305
 CARGO AIR - MAX. QTY.: 60 L
 CARGO AIR PACKING INSTRUCTION..: 307

15. REGULATORY INFORMATION:

OSHA STATUS.....: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
 TSCA STATUS.....: On TSCA Inventory
 CERCLA REPORTABLE QUANTITY..: None
 SARA TITLE III:
 SECTION 302 EXTREMELY
 HAZARDOUS SUBSTANCES..: None
 SECTION 311/312
 HAZARD CATEGORIES.....: Immediate Health Hazard; Fire Hazard
 SECTION 313
 TOXIC CHEMICALS.....: None
 RCRA STATUS.....: When discarded in its purchased form, this product meets the criteria of ignitability, and should be managed as a hazardous waste (EPA Hazardous Waste Number D001). (40 CFR 261.20-24) (FP=54 F)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME /CAS NUMBER	CONCENTRATION	STATE CODE

Isopropanol		
67-63-0	60-70 %	PA1, MA, NJ2, NJ3
Water		
7732-18-5	30-40 %	PA3, NJ4

MA = Massachusetts Hazardous Substance List
 NJ2 = New Jersey Environmental Hazardous Substance List
 NJ3 = New Jersey Special Health Hazardous Substance List
 NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%
 PA1 = Pennsylvania Hazardous Substance List
 PA3 = Pennsylvania Non-hazardous present at 3% or greater.

16. OTHER INFORMATION:

HMIS RATINGS:	Health	Flammability	Reactivity	Personal Prot
	1	3	0	B
	0=Minimal	1=Slight	2=Moderate	3=Serious
			4=Severe	
	B=Safety Glasses, Gloves			

AGFA's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by AGFA as a customer service.

REASON FOR ISSUE.....: Revise Section 1
 PREPARED BY.....: R. Ruppel-Kerr
 APPROVED BY.....: H. W. Gventer
 APPROVAL DATE.....: 08/27/1998
 SUPERSEDES DATE.....: 07/14/1998
 MSDS NUMBER.....: 34512

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of AGFA Corporation. The data on this sheet relates only to the specific material designated herein. AGFA Corporation assumes no legal responsibility for use or reliance upon these data.

THIS PAGE WAS INTENTIONALLY LEFT BLANK.