

PRODUCT CODE : Ink Jet Printer Ink

PRODUCT DESCRIPTION : Aqueous Inks for Ink Jet Printers

HAZARDOUS INGREDIENTS

<u>REPORTABLE CIMPONENTS</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
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No Reportable Ingredients Are Present

HMIS CODES : HFRP

100C

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT :>212F”

SPECIFIC GRAVITY : 103

VAPOR DENSITY : HEAVIER THAN AIR

EVAPORTATION RATE : SLOWER THAN BUTYL ACENTATE

SOLUBILITY IN WATER : MISCIBLE

APPEARANCE AND ODOR: COLORED LIQUID, MILD ODOR

COEFFICIENT OF WATER/OIL DISTRIBUTION : NOT AVAILABLE

ODOR THRESHOLD : NOT AVAILABLE

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NOT FLAMMABLE

METHOD USED : N/A

FLAMMABLE LIMITS IN AIR BY VOLUME : VAPOR NOT FLAMMABLE

EXTINGUISHING MEDIA : FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES

Self contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode. During emergency conditions, over exposure to decomposition products may cause immediate or delayed health effects.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Not flammable. Closed containers may burst when exposed to extreme heat due to pressure buildup.

FLAMMABILITY – T.D.G.R. CLASS : NON-FLAMMABLE

SENSITIVITY TO IMPACT : NONE

SENSITIVITY TO STATIC DISCHARGE : NONE

STABILITY : Stable

CONDITIONS TO AVOID:

Do not expose to high temperatures or open ignition sources.

INCOMPATIBILITY : Avoid strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS : May form toxic materials, carbon dioxide, carbon monoxide, various hydrocarbons, etc. on thermal decomposition.

HAZARDOUS POLYMERIZATION : Will not occur

HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Vapors are unlikely due to physical properties.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eye irritation and moderate skin irritation may occur.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

A single prolonged exposure is not likely to result in absorption of harmful amounts

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea if significant amounts are swallowed.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE-EYES : Can cause moderate irritation, redness, tearing, and blurred vision.

SKIN : Can cause moderate irritation with prolonged exposure.

INHALATION : Can cause nasal and respiratory irritation if liquid is aspirated.

CARCINOGENICITY : NTP CARCINOGEN ?No LARC MONOGRAPHS? No
OSHA REGULATED? No

Contains no ingredients known to be carcinogenic.

TERATOGENICITY : None Expected

MUTAGENICITY : None Expected

TOXICOLOGICALLY SYNERGISTIC PRODUCTS:

All components are Ames Negative

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE : None Known

EMERGENCY AND FIRST AID PROCEDURES

EYES : Flush immediately with large amounts of water for at least 15 minutes.

Obtain prompt medical assistance.

INGESTION : Drink 1 or 2 glasses of water to dilute. Do not induce vomiting.

Consult a physician or poison control center immediately. Treat symptomatically.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Dike, Contain, or absorb with inert materials (sand, vermiculite, etc.) Transfer to containers for recovery or disposal. Prevent runoff into sewers, streams, or other bodies of water.

WASTE DISPOSAL METHOD:

Dispose of in accordance with all local, State, or Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not store or use near sources of high temperatures, near fire or open flame, or other ignition source.

OTHER PRECAUTIONS

Do not take internally. Avoid prolonged or repeated exposure.

CONTROL MEASURES

RESPIRATORY PROTECTION : None required

VENTILATION : None usually required at ambient temperature.

PROTECTIVE GLOVES : Wear resistant gloves such as latex or polyethylene to

prevent staining.

EYE PROTECTION : Use chemical splash goggles or other OSHA permitted safety glasses when handling bulk ink.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT : Wear impervious clothing. Provide eyewash station.

WORK/HYGIENIC PRACTICES : Wash hands before eating or using restrooms. Remove and wash contaminated clothing before reuse.