

Safety Data Sheet

Report Date 8/12/2022

Last Edit 4/26/2019

Section 1 - Product Information

Interactive Inks & Coatings
1610 Shanahan Drive
South Elgin, IL 60177

Phone (847) 289-8710

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Product Id # AVPH-110
Trade Name Additive
Product Class Waterbased Printing Ink / Ink Additive
Product Description Ph Enhancer

HMIS Rating

Health 2

Flammability 1

Reactivity 0

Personal Protection B

Section 2 - Hazardous Identification



Signal Word Danger

Acute Toxicity-Oral - Category 5

Eye Damage/Irritation - Category 1

Skin Corrosion/Irritation - 1C

May be harmful if swallowed.

Causes serious eye damage.

Causes severe skin burns and eye damage.

If SWALLOWED: Rinse Mouth. Do NOT induce vomiting. IF ON SKIN (or Hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Do not breathe fumes or vapours. Wash affected areas thoroughly after handling. Wear protective gloves and eye protection. Immediately Call a Doctor. Call a Doctor if you feel unwell. See section (4) of the SDS for first aid instruction. Wash contaminated clothing before reuse. Store in a closed container. Store locked up. Dispose of contents/container in accordance with local regulations.

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS #	%	PEL	TLV
Ammonia	1336-21-6	10.47 %	35 PPM	25 PPM
Isopropanol	67-63-0	5.00 %	500 ppm	400 ppm
water	7732-18-5	78.00 %	N/A	N/A

Section 4 - First aid measures**4.1: Description of first aid measures.**

Remove all clothing that has been soiled by the product. When in doubt, or if symptoms persist, seek medical attention.

4.2: After inhalation

Remove yourself to fresh air if you feel unwell. Keep person warm and at rest. If breathing is irregular or respiratory arrest occurs, involve a doctor immediately.

4.3: After Skin Contact

Remove contaminated clothing. Wash skin with mild soap and water.

4.4: After Eye Contact

Remove any contact lenses. Flush eyes with running water for minimum 15 minutes. Involve a doctor.

4.5: After Swallowing

Call a doctor immediately. Rinse out mouth with fresh water.

Section 5 - Fire Fighting Measures**5.1: Suitable extinguishing agents:**

Water spray, dry powder, foam.

5.2: For safety reasons unsuitable extinguishing agents:

None Known

5.3: Advice for fire fighters protective equipment

Wear self-contained respiratory protective device. Wear fully protective suit.

Section 6 - Accidental Release Measures**6.1: Personal Precautions, protective equipment and emergency procedures.**

Ensure adequate ventilation. See section (8) of this document for additional information on personal protective equipment.

6.2: Environmental precautions

Avoid discharge into sewers, drains, spillways or soil.

6.3: Methods and material for containment and cleaning up

Clean with soap and water. Discard all waste in accordance with approved regulatory procedures.

Section 7 - Handling and storage**7.1: Precautions for safe handling.**

Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

7.2: Information about protection against explosions and fires

Keep ignition sources away. Protect from heat. Avoid smoking while handling this product.

7.3: Conditions for safe storage

Store in a cool, well ventilated area. Keep container tightly closed until ready for use. Do not store in unlabeled containers. Do not eat, drink or smoke while handling this product. Wash hands and face before eating, drinking, or smoking.

Section 8 - Personal Protection**8.1: Personal Protective and Hygienic measures**

The usual precautionary measure for handling chemicals should be followed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work

8.2 Breathing equipment

If risk assessment determines it necessary, wear an approved respiratory device suitable for organic vapors.

8.3 Protection of hands

Wear protective gloves suitable for skin protection

8.4 Eye protection

Protective eye wear or face shield

Section 9 - Physical and chemical properties.

9.1: General Properties.

Physical Form: Liquid
Color: See description
Odor: Amine Odor
Boiling point 212 Deg. F
Melt Point: N/A
Freeze Point: 32 Deg. F
pH: 8-11
Solubility in water: Miscible liquid.
Vapor Pressure / Density- Equiv to water.

Section 10 - Stability and Reactivity

10.1: Stability and Reactivity

Stable

10.2: Incompatible materials

Avoid strong oxidizing agents

Section 11 - Toxicological Information

The toxicological information below is listed from the individual raw ingredients in this mixture. They are not representative of the mixture as a whole. This mixture has not been tested for toxicological effects.

Aqua Ammonia:
Routes of Exposure: Inhalation, Ingestion, skin, and eyes.
Acute Toxicity:
Oral: LD50: 350 mg/kg (rat)

CAS# 67-63-0
Acute Toxicity:
Oral: LD50: 5050 mg/kg (rat)
Dermal: LD50: 12800 mg/kg (rabbit)

Section 12 - Ecological Information

12.1: Ecological Information

Possible color nuisance

Section 13 - Disposal

13.1: Disposal

Dispose of all waste in accordance with all applicable federal, state and local regulations. Do not flush into public sewer or water systems.

Section 14 - Transportation Information

14.1: Transportation Information

ADR/RID Class - Not regesterd
ADNR Class - Not regesterd
IMDG Class - Not regesterd
IATA Class - Not regestered

Section 15 - Regulatory Substances

R100 - Section 355 (Extremely hazardous Substances):

To the best of our knowledge, this product does not contain any products listed in reportable Levels.

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R101 - Section 313 (Specific toxic chemical listings)

To the best of our knowledge, this product does not contain any products listed in reportable Levels.

R102 - TSCA (Toxic Substances Control Act)

Chemical components of our water-based products are listed or have been registered for inclusion on the section 8(B) Chemical Substance Inventory List (40 DFR 372)

R103 - Proposition 65: Chemicals Known to cause Cancer

To the best of our knowledge, this product does not contain any products listed in reportable levels.

R104 - Proposition 65: Chemicals known to cause reproductive harm

To the best of our knowledge, this product does not contain any products listed in reportable Levels.

R105 - REACH: (SVHC) Substances of Very High Concern:

To the best of our knowledge, this product does not contain any products listed in reportable Levels.

Section 16 - Other Information

16.1: Regulatory Statements

EICC (Country of Origin) and (ROHS).

Interactive Inks and Coatings certifies that heavy metals (defined as Cadmium, Lead, mercury, and hexavalent-chromium) as well as (polybrominated biphenyles and polybrominated biphenyl ethers) are not intentionally introduced into our products and trace level impurities will not exceed the maximum concentration levels of 100 PPM (total) in packaging and/or packaging components. With regards to the use of the "Conflict Minerals" listed in the Dodd-Frank Wall Street Reform and Consumer Protection Act; Tantalum (Ta), Tin (Sn), Gold (AU), and Tungsten (W) are not intentionally introduced in the manufacturing of any of Interactive Inks and Coatings products, Interactive Inks and Coatings does not maintain any business relationship, as it pertains to the production of printing ink, with the Smelter industry.

Based on information obtained from our suppliers and to the best of our knowledge, Materials used in the manufacturing of our water-based products are not in-themselves nor are any external additions made of DMF (dimethyl fumarate), asbestos, Phthalates, fluorocarbons, chlorinated poly nuclear aromatics, BHT (butylated hydroxy toluene), bovine or animal by products, nor are there any materials used which are derived from old growth or rain forest timber. Further our products do not contain reportable levels of any ozone depleting chemicals or HAPS. Compliant with the European Union ROHS (Restricted Hazardous Substances) Directive 2002/95/EC.

16.2 Other Information

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method to use. We do not accept responsibility for any harm caused by the use of this information. Furthermore nothing contained herein shall be construed as recommendation to use any product in conflict with existing patents covering any material or its use. In all cases, our general conditions of sale apply.

This information is accurate to the best of our knowledge, however the above named supplier nor any of its subsidiaries, assumes any liability whatsoever for accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility the user. Although certain hazards may be described herein, we cannot guarantee that these are the only hazards that exist. This information is furnished without warranty, expressed or implied Interactive Inks and Coatings assumes no legal responsibility for the use or the reliance upon this data.

Emergency Phone Number: Interactive Inks & Coatings (847) 289-8710