

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION AND USE OF PRODUCT

**MANUFACTURER:** ARROW INTERNATIONAL INC.  
9900 Clinton Rd.  
Cleveland, OH 44144  
216-961-3500

**PRODUCT NAMES:** INK-A-DOT, WINK, ULTIMA WINK, LUCKY DAB, BINGO BRITE  
DABBIN FEVER, BINGO BUDDY, DABBIN WIN, DAB KING &  
DABTASTIC, BETTY BOOP

**PRODUCT USE:** BINGO INK DAUBERS

**DATE REVISED:** March 16, 2012

## SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>WT%</u>	<u>OSHA/PCL</u>	<u>ACGIA/TLV</u>	<u>LD<sub>50</sub></u>
Methyl Alcohol	67-56-1	0-3.4	200ppm	250ppm STEL	N/A
Ethyl Alcohol	67-17-5	0-3.4	1000ppm	500ppm STEL	N/A

## SECTION III - PHYSICAL CHARACTERISTICS

**PHYSICAL STATE:** Liquid  
**ODOUR/APPEARANCE:** Coloured liquid with mild solvent-like odor.  
**ODOUR THRESHOLD:** N/A  
**SPECIFIC GRAVITY:** 0.96  
**VAPOUR PRESSURE:** N/A  
**VAPOUR DENSITY:** N/A  
**EVAPORATION RATE:** N/A  
**BOILING POINT:** 64 - 100°C (148-212°F)  
**FREEZING POINT:** <0°C (<32°F)  
**PH:** N/A  
**COEFFICIENT OF WATER/OIL DISTRIBUTION:** N/A

## SECTION IV - FIRE OR EXPLOSION HAZARDS

**CONDITIONS OF FLAMMABILITY:** Although methanol and ethanol are flammable liquids, this water-based product is difficult to ignite unless subject to direct flame.  
**MEANS OF EXTINCTION:** Dry chemical, foam or other extinguishing agent.  
**FLASHPOINT AND METHOD:** N/A  
**UPPER EXPLOSIONS LIMIT:** N/A  
**AUTO-IGNITION TEMPERATURE:** N/A  
**HAZARDOUS COMBUSTION PRODUCTS:** Irritating vapors, oxides of carbon and nitrogen.  
**EXPLOSION SENSITIVITY TO MECHANICAL IMPACT:** N/A  
**SENSITIVITY TO STATIC DISCHARGE:** N/A  
**SPECIAL FIREFIGHTING PROCEDURES:** Keep unnecessary people away, stay upwind, and wear self-contained breathing apparatus. Isolate product from heat and open flame. Closed containers may explode, melt, or burn when subject to high heat.

## SECTION V - REACTIVITY

**STABILITY:** Stable  
**INCOMPATIBILITY:** None known  
**REACTIVITY CONDITIONS:** N/A  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Only when burned - irritating vapors and oxides of carbon and nitrogen.

## SECTION VI - TOXICOLOGICAL PROPERTIES

**ROUTES OF ENTRY:** Skin contact, eye contact, inhalation, ingestion.

**EFFECTS OF ACUTE EXPOSURE:** Possibly slightly irritating to skin and eyes. Inhalation of excessive amounts of product may cause headaches, dizziness, or nausea, and may be irritating to the respiratory tract.

**EFFECTS OF CHRONIC EXPOSURE:** None expected

**EXPOSURE LIMITS:** See Section II.

**CARCINOGENICITY:** None

**REPRODUCTIVE TOXICITY:** None

**TETRAGENICITY:** None

**MUTAGENICITY:** None

**SYNERGISTIC MATERIALS:** None known

## SECTION VII - FIRST AID

**SKIN:** Immediately flush with clean water. Wash thoroughly with mild soap and water. If irritation persists, seek medical attention.

**EYE:** Immediately flush with clean water for 15 minutes. Call a physician.

**INHALATION:** Remove to fresh air. If headache, dizziness, nausea or irritation of skin, eyes, or respiratory tract persists, contact a physician.

**INGESTION:** If excessive amounts of this product are ingested, contact your doctor for specific instructions.

## SECTION VIII - PREVENTIVE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Not required.

**ENGINEERING CONTROLS:** Typically none needed. Local exhaust ventilation if odor is unpleasant.

**LEAK AND SPILL PROCEDURE:** Keep all ignition sources away. Minimize skin or eye contact by wearing rubber gloves and eye protection during cleanup, avoid breathing vapors during cleanup. Wear appropriate respiratory protection if exposure may exceed applicable exposure limits.

**WASTE DISPOSAL:** Dispose of according to local, state and federal regulations.

**STORAGE REQUIREMENTS:** Store away from high heat and direct flame.

**SPECIAL SHIPPING INFORMATION:** None

## SECTION IX - ADDITIONAL INFORMATION

**HMIS RATING:** HEALTH - 1, FLAMMABILITY - 1, REACTIVITY - 0

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### ABBREVIATIONS:

**N/A:** Not applicable or not available

**PPM:** Parts per million

**PREPARED BY:** ARROW INTERNATIONAL INC.

**TELEPHONE NO.:** (216) 961-3500

**DATE:** March 16, 2012

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