

MSDS-INK BUSTER (WH-10-01-02)

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: INK BUSTER WHI-10-01-02**

**American Niagara & Tee Squares**

**6690 Jones Mill Ct. Bldgs. A&B**

**Norcross, GA 30092 USA**

**770-441-5900 / fax 770-409-7240 or 7259**

website [www.american-niagara.com](http://www.american-niagara.com) or [www.teesquares.com](http://www.teesquares.com)

**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** INK BUSTER (WHI-10-01-02)

**PRODUCT DESCRIPTION:** Aromatic Solvent Blend

**PRODUCT CODE:** 210190

**PRODUCT FORMULATION NAME:** 0-Aromatic 142 Solvent

**CHEMICAL FAMILY:** Hydrocarbon Mixture

	<b>24 HR. EMERGENCY TELEPHONE</b>
<b>NUMBERS CHEMTREC (U.S.): (800) 424-9300    Emergency Phone: 800-424-9300</b>	

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>Wt. %</b>	<b>EINECS#</b>	<b>CAS#</b>
Stoddard solvent blend (slurry803)	100	232-489-3	8052-41-3

delimonene 68647-72-3 - Orange Terpenes

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**COMMENTS:**

OSHA PEL/ACGIH TWA = 100 ppm

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### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Clear, Colorless liquid.

**IMMEDIATE CONCERNS:** CAUTION! May cause eye and skin irritation.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Moderate Irritation and Discomfort.

**SKIN:** Moderate irritation and discomfort. Defatting of skin and redness are possible. Toxic systemic effects from absorption are expected to be minor.

**INGESTION:** Gastrointestinal tract irritation and/or discomfort is possible.

**INHALATION:** Moderate respiratory discomfort and/or headaches. Toxic systemic effects from inhalation are expected to be minor.

**ROUTES OF ENTRY:** Absorption, Inhalation, Ingestion

**TARGET ORGAN STATEMENT:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painters' Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.

**SKIN:** Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Do not induce vomiting. Danger from aspirating into lungs exceeds short term toxic effects. Get immediate medical help.

**INHALATION:** Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persist, get medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** (146°F)ASTM D56

**FLAMMABLE LIMITS:** 1.0 to 7.0

**AUTOIGNITION TEMPERATURE:** (440°F)

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**EXTINGUISHING MEDIA:** Use dry chemical, foam, or carbon dioxide.

**EXPLOSION HAZARDS:** Vapor accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, ect., away from these fumes.

**FIRE FIGHTING PROCEDURES:** Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILL:

Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbant or other means. Don't flush into sewers or natural waterways.

### LARGE SPILL:

Contain material as described above and call the local fire or police department for immediate emergency assistance.

## 7. HANDLING AND STORAGE

### HANDLING:

Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapors can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes.

### STORAGE:

Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		<b>EXPOSURE LIMITS</b>		
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		<b>OSHA PEL</b>		<b>ACGIH TLV</b>
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**Supplier OEL**

		ppm	mg/m <sup>3</sup>		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Stoddard solvent	<b>TWA</b>		100	525	100	525	NL	NL
	<b>STEL</b>		NL	NL	NL	NL	NL	NL

**ENGINEERING CONTROLS:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure guidelines, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety glasses with side shields or goggles when handling this material.

**SKIN:** To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

**RESPIRATORY:** Use NIOSH/MSHA approved respirators when vapors or mist concentrations exceed permissible exposure limits.

**PROTECTIVE CLOTHING:** Chemical resistant boots, apron, etc. as necessary to prevent contamination of clothing and skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** Mild Hydrocarbon Odor

**APPEARANCE:** Clear

**COLOR:** Colorless

**pH:** Not Applicable

**PERCENT VOLATILE:** 100

**VAPOR PRESSURE:** 2 mmHg at 20°C

**VAPOR DENSITY:** 5.10 (Air=1)

**BOILING POINT:** (370°F) to (405°F)

**FREEZING POINT:** Not Determined

**MELTING POINT:** Not Determined

**SOLUBILITY IN WATER:** Negligible

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**EVAPORATION RATE:** 0.08 (n-Butyl Acetate=1)

**DENSITY:** 6.60 at (60°F)

**SPECIFIC GRAVITY:** 0.79 15.5°C/15.5°C at (60°F)

**MOLECULAR FORMULA:** Mixture

**COMMENTS:**

**DENSITY:** Per gallon

**10. STABILITY AND REACTIVITY**

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Exposure to excessive heat, open flames and sparks. Avoid conditions that favor the formation of excessive mists and/or fumes.

**STABILITY:** Stable

**POLYMERIZATION:** Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon when burned.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

**11. TOXICOLOGICAL INFORMATION**

**COMMENTS:** No definitive information available on carcinogenicity, target organs or chronic toxicity.

**12. ECOLOGICAL INFORMATION**

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Conditions of use may cause this material to become a hazardous waste as defined by state or federal law. Use approved treatment, transporters and disposal sites.

**PRODUCT DISPOSAL:** Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product

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characteristics at time of disposal.

**EMPTY CONTAINER:** Keep containers closed when not in use. Do not reuse empty containers.

#### 14. TRANSPORT INFORMATION

##### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Petroleum Distillates, N.O.S. (Naphtha Solvent)

**PRIMARY HAZARD CLASS/DIVISION:** Combustible Liquid

**UN/NA NUMBER:** 1268

**PACKING GROUP:** III

#### 15. REGULATORY INFORMATION

##### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

##### 311/312 HAZARD CATEGORIES:

**FIRE:** YES **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES  
**CHRONIC:** NO

**313 REPORTABLE INGREDIENTS:** None known to be present at 1% or more by weight (0.1% for Carcinogens)

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** None

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** This material or its components are listed in the TSCA inventory.

**PROPOSITION 65 STATEMENT:** None known

##### NFPA CODES

**HEALTH:** 0 **FIRE:** 2 **REACTIVITY:** 0

##### HMIS CODES

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**HEALTH: -1 FIRE: 2 REACTIVITY: 0 PROTECTION: X**

**MANUFACTURER DISCLAIMER:** The information in this MSDS was obtained from sources which we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

**ADDITIONAL MSDS INFORMATION:** Caution! Combustible. Treat as an NFPA/OSHA Class IIIA Combustible Liquid. Chronic overexposure to vapors or mists may cause irritation to the respiratory tract and other mucous membranes or aggravate preexisting conditions. Prolonged or repeated skin contact can defat the skin and cause dermatitis. Avoid breathing vapors and contact with eyes or skin. This product has not been identified as a carcinogen by NTP, IARC or OSHA. However this material contains the following chemicals subject to the requirements of California Proposition 65: Benzene (Cancer) and Toluene (Developmental Toxicant).