

MSDS-142 BLEND SCREEN WASH

MATERIAL SAFETY DATA SHEET

Date-Issued: 07/25/2000 **MSDS Ref. No:** 210190 **Date-Revised:** 01/21/2002 **Revision No:** 1 **0-Aromatic 142 Solvent**

MANUFACTURED BY:

AMERICAN NIAGARA / TEE SQUARES

6690 JONES MILL COURT / BLDGS. A&B / NORCROSS, GEORGIA 30092 USA

PHONE 1-800-241-7708 / 770-441-5900 / FAX 770-409-7259 OR 7240

E-MAIL anc@mindspring.com / WEB SITE www.american-niagara.com

EMERGENCY - CHEMTREC 1-800-424-9300

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 142 INK BUSTER

PRODUCT DESCRIPTION: 0-Aromatic 142 Solvent

PRODUCT CODE: 210190

PRODUCT FORMULATION NAME: 0-Aromatic 142 Solvent

CHEMICAL FAMILY: Hydrocarbon Mixture

GENERIC NAME: Stoddard Solvent

MANUFACTURER: Americhem Sales Corporation 340 North Street Mason, MI 48854 **Contact:** Americhem Sales Corporation **Product Stewardship:** 517-676-9363 **Transportation:** 517-676-9363 **24 HR. EMERGENCY TELEPHONE NUMBERS CHEMTREC (U.S.):** (800) 424-9300 **Canutec** (613) 996-6666 **Emergency Phone:** 800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	EINECS#	CAS#
Stoddard solvent	100	8052-41-3	232-489-3

COMMENTS:

OSHA PEL/ACGIH TWA = 100 ppm

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)

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)

		<u>EXPOSURE LIMITS</u>			
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		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier</u>
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OEL

		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Stoddard solvent	<u>TWA</u>	100	525	100	525	NL	NL
	<u>STEL</u>	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

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 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

16. OTHER INFORMATION

REVISION SUMMARY

Revision #: 1

This MSDS replaces the July 25, 2000 MSDS. Any changes in information are as follows:

In Section 1

Prepared By

NFPA CODES

HEALTH: 0 FIRE: 2 REACTIVITY: 0

HMIS CODES

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).