

MATERIAL SAFETY DATA SHEET

MSDS NO. 00122

Manufacturer:

AtLasta Specialty Ink Co., Inc.

4600 South Square Dr.

High Ridge, MO 63049

(636) 677-5353

FD & C Economy Inks

HAZARD RATINGS

Minimal 0

Slight 1

Moderate 2

Serious 3

Severe 4

HEALTH 1

FLAMMABILITY 0

REACTIVITY 0

Date of Last Revision: 01-10-06

Emergency Ph. Call CHEMTREC 1-800-424-9300

SECTION I: PRODUCT IDENTIFICATION

Product Classification: Specially Denatured Alcohol Solution of Water, FD&C Colors, and Food Grade Resins

Manufacturers Identification: FD&C Economy Purple, Red, Green,, Black and Blue Meat Branding and Marking Ink.

SECTION II : HAZARDOUS INGREDIENTS

	wt %	PEL(ppm)	TLV(ppm)	CAS NO.
Ethyl Alcohol	< 40	1000	1000	64-17-5
Acetone	< 5	750	750	67-64-1

Notes:

(1) OSHA/ACGIH SHORT TERM EXPOSURE LIMIT (STEL) FOR ACETONE IS 1000 ppm. NIOSH recommends a limit of 250 ppm, 8 hour TWA.

This chemical is subject to the reporting requirements of section 313 of SARA TITLE III.

SECTION III : PHYSICAL DATA

Boiling Point	for PRODUCT	165.20 - 174.20 Deg. F
Vapor Pressure	for COMPONENT (Acetone) (6%) (74.00 - 79.00 Deg. C)	@ 760.00 mm Hg
Specific Vapor Density		HEAVIER THAN AIR
Specific Gravity	0.814 @ 60.00 Deg. F (15.55 Deg. C)	
Percent Volatiles		85.00%
Evaporation Rate		SLOWER THAN ETHER

SECTION IV : FIRE AND EXPLOSION HAZARD DATA

Flashpoint (TOC) N/A Deg. F (- Deg. C)

Explosive Limit (Lowest Value of Component) Lower - 2.6%

Extinguishing Media: n/a

Hazardous Decomposition Products: May form toxic materials:, Carbon Dioxide and Carbon Monoxide, Etc.

Firefighting Procedures: N/A

Special Fire & Explosion Hazards: Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

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MSDS FD & C Econo Inks

NFPA Codes: Health-1 Flammability-0 Reactivity-0

SECTION V : HEALTH HAZARD DATA

Permissible Exposure Level 1000 PPM

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Threshold Limit Value 1000 PPM

See Section II

Effects of Acute Overexposure: For product

Eyes - Can cause moderate irritation, redness, tearing.

Skin-Can cause slight irritation

Breathing-Excessive inhalation of vapors can cause nasal and respiratory irritation.

Swallowing-Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

First Aid:

If on skin: thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

If in eyes: Flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention.

If swallowed: Get medical attention immediately. Never give anything by mouth to an unconscious person.

If breathed: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention.

Primary Route(s) of Entry: Inhalation, skin contact.

Effects of Chronic Overexposure: For product

Kidney damage, eye damage, overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: liver abnormalities

Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans; liver abnormalities, eye damage.

SECTION VI : REACTIVITY DATA

Hazardous Polymerization: Cannot occur

Stability: Stable

Incompatibility: Avoid contact with: strong oxidizing agents.

SECTION VII : SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Small spill: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to hood.

Large spill: **Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks).** Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred.

Waste Disposal method:

Small Spill: Allow volatile portion to evaporate in hood. Allow sufficient time for vapors to completely clear hood duct work. Dispose of remaining material in accordance with applicable regulations.

Large Spill: Contaminated absorbent may be deposited in a landfill in accordance with local, state and federal regulations.

SECTION VIII : SPECIAL PROTECTION INFORMATION

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (See Section II), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (See your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(S).

Protective Gloves: Wear resistant gloves such as: Neoprene

Eye protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your safety equipment supplier).

Other protective equipment: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

SECTION IX : SPECIAL PRECAUTIONS

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Users are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.