

**MATERIAL SAFETY DATA SHEET**

MSDS NO. 08116

Manufacturer:

**AtLasta Specialty Ink Co., Inc.**

4600 South Square Dr.

High Ridge, MO 63049

(636) 677-5353

**HAZARD RATINGS**

Minimal ..... 0

Slight ..... 1

Moderate ..... 2

Serious ..... 3

Severe ..... 4

FF65

**HEALTH** 0**FLAMMABILITY** 0**REACTIVITY** 0

Date of Last Revision: 04-08-08

Reviewed 8-22-97

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

**1. Product Classification: Hog Tattoo Paste Ink****Manufacturers Identification Pigmented Tattooing Paste, Hog Tattoo Ink Paste, CHT-100, Pigmented Paste of Food Grade Ingredients.****2. MAJOR COMPOSITION/INFORMATION ON INGREDIENTS****MIXTURE: All Ingredients Generally Regarded as Safe (GRAS)****No known hazardous ingredients according OSHA "Hazardous Chemical" under 29 CFR 1910.1200 Sec. C.****No ingredient is subject to the reporting requirements of section 313 of SARA TITLE III.****Major Composition Identification**

CAS-No. EC-No. Index-No. Concentration [%]

**Glycerol CSA 56-81-5 200-289-5 60%****Black Iron Oxide CSA 1317-61-9 30%****3. HAZARDS IDENTIFICATION****Emergency Overview****OSHA Hazards**

Delayed target organ effects

Mild skin irritant, Mild eye irritant

**Target Organs** Kidney**HMIS Classification****Health Hazard:** 0**Chronic Health Hazard:** \***Flammability:** 0**Physical hazards:** 0**NFPA Rating****Health Hazard:** 0**Fire :** 0**Reactivity Hazard:** 0

### **Potential Health Effects**

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

**Ingestion** May be harmful if swallowed.

### **4. FIRST AID MEASURES**

**If inhaled** If breathed in, move person into fresh air. If not breathing give artificial respiration

**In case of skin contact** Wash off with soap and plenty of water.

**In case of eye contact** Flush eyes with water as a precaution.

**If swallowed** Never give anything by mouth to an unconscious person. Rinse mouth with water.

### **5. FIRE-FIGHTING MEASURES**

#### **Flammable properties**

Flash point >160 °C (>320 °F) - closed cup

Ignition temperature >370 °C (>698 °F)

#### **Suitable extinguishing media**

Use water spray to cool near by containers.

#### **Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal precautions**

Avoid breathing vapors, mist or gas.

#### **Environmental precautions**

Do not let product enter drains.

#### **Methods for cleaning up**

Keep in suitable, closed containers for disposal.

**SMOOTH SURFACES WET WITH PRODUCT WILL BE SLIPPERY! CARE IS ADVISED WHEN WALKING ON SPILLS OF PRODUCT.**

### **7. HANDLING AND STORAGE**

#### **Handling**

Normal measures for preventive fire protection.

#### **Storage**

Keep container tightly closed in a dry and well-ventilated place.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **Components with workplace control parameters**

Major Component (Components )CAS-No. Value Control parameters Update Basis

Glycerol 56-81-5 TWA 10 mg/m<sup>3</sup> 1994-09-01 US. American Conference of Governmental and Industrial Hygienists

Threshold Limit Values for Chemical Substances in the Work Environment; Annual Reports for the Year 2004;Committees on Threshold Limit Values

(TLVs ) and Biological  
Exposure Indices (BEIs)

Remarks Inhalable fraction. See Appendix C, paragraph A. Inhalable Particulate Mass TLVs (IPM-TLVs) for those materials that are hazardous when deposited anywhere in the respiratory tract.

TWA

5 mg/m<sup>3</sup> 1989-03-01 US. Department of Labor - Occupational Safety and Health Administration  
(OSHA) 29 CFR 1910.1000  
Z-1-A

TWA

5 mg/m<sup>3</sup> 1989-03-01 US. Department of Labor - Occupational Safety and Health Administration  
(OSHA) 29 CFR 1910.1000  
Z-1-A

TWA

15 mg/m<sup>3</sup> 1993-06-30 US. Department of Labor - Occupational Safety and Health Administration  
(OSHA) Permissible  
Exposure Limits (PEL) 29  
CFR 1910.1000 Air  
Contaminants.

TWA

5 mg/m<sup>3</sup> 1993-06-30 US. Department of Labor - Occupational Safety and Health Administration  
(OSHA) Permissible  
Exposure Limits (PEL) 29  
CFR 1910.1000 Air  
Contaminants.

## **Personal protective equipment**

### **Respiratory protection**

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection** Handle with gloves.

**Eye protection** Safety glasses

**Hygiene measures** General industrial hygiene practice.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Appearance**

Form: Heavy Black Paste

Color: Black staining paste

Odor: odorless

### **Safety data**

pH 5.5 - 8

Melting point -12 °C (28 °F)  
Boiling point 182 °C (360 °F) at 26.7 hPa (20.0 mmHg)  
290 °C (554 °F)  
Flash point >160 °C (>320 °F) - closed cup  
Ignition temperature 370 °C (698 °F)  
Lower explosion limit 0.9 %(V)  
Vapor pressure < 0.13 hPa (< 0.10 mmHg) at 20 °C (68 °F)

Density 1.7620 g/cm<sup>3</sup>  
1.7610 g/cm<sup>3</sup>

Water solubility - 80% soluble

## 10. STABILITY AND REACTIVITY

### Storage stability

Stable under recommended storage conditions.

### Materials to avoid

Strong Acids or bases, Strong oxidizing agents

### Hazardous decomposition products

### Hazardous decomposition products formed under fire conditions.

Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

LD50 Oral - rat - 12,600 mg/kg

LC50 Inhalation - rat - 1 h - > 570 mg/m<sup>3</sup>

LD50 Dermal - rabbit - > 10,000 mg/kg

### Irritation and corrosion

Skin - rabbit - Mild skin irritation - 24 h

Eyes - rabbit - Mild eye irritation - 24 h

**Sensitization** no data available

**Chronic exposure** no data available

**Signs and Symptoms of Exposure** prolonged or repeated exposure can cause:, Nausea, Headache, and Vomiting

### Potential Health Effects

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**Target Organs** Kidney,

## 12. ECOLOGICAL INFORMATION

### Elimination information (persistence and degradability)

no data available

### **Ecotoxicity effects**

Toxicity to fish LC50 - Carassius auratus (goldfish) - > 5,000 mg/l

LC50 - Pimephales promelas (fathead minnow) - 44,000 mg/l

LC50 - other fish - > 100,100 mg/l

LC50 - Oncorhynchus mykiss (rainbow trout) - 67,500 mg/l - 96 h

**Further information on ecology** no data available

## **13. DISPOSAL CONSIDERATIONS**

### **Product**

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### **Contaminated packaging**

Dispose of as unused product.

## **14. TRANSPORT INFORMATION**

### **DOT (US)**

Not dangerous goods

### **IMDG**

Not dangerous goods

### **IATA**

Not dangerous goods

## **15. REGULATORY INFORMATION**

### **OSHA Hazards**

Delayed target organ effects, Mild skin irritant, Mild eye irritant

### **TSCA Status**

On TSCA Inventory

### **DSL Status**

All components of this product are on the Canadian DSL list.

### **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### **SARA 311/312 Hazards**

Acute Health Hazard, Chronic Health Hazard

### **Massachusetts Right To Know Components**

Glycerol CAS-No. 56-81-5 Revision Date 1991-07-01

### **Pennsylvania Right To Know Components**

Glycerol CAS-No. 56-81-5 Revision Date 1991-07-01

**New Jersey Right To Know Components**

Glycerol CAS-No. 56-81-5 Revision Date 1991-07-01

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**16. OTHER INFORMATION**

**Further information**

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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.