U.S. Material Safety Data Sheet
Date: January 12, 2012
European Safety Data Sheet
Page 1 of 3

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: JET PRINTER INK
Telephone: 1-570-937-4921
Manufacturer: LOVESHW an ITW Company
Facsimile: 1-570-937-3229
Route 296 Box 83
South Canaan, PA 18459

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY: Ink
FORMULA: Water Based Ink
CAS #: MIXTURE

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS#</th>
<th>%</th>
<th>CARCINOGEN</th>
<th>ACGIH</th>
<th>OSHA</th>
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<tr>
<td>DPM GLYCOL ETHER</td>
<td>34590-94-8</td>
<td>3.5</td>
<td>NO</td>
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<tr>
<td>VERSENE</td>
<td>60-00-4</td>
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<td>NO</td>
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<tr>
<td>SURFACTANT</td>
<td>37281-47-3</td>
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<tr>
<td>SPECIAL SP LIQUID</td>
<td>MIX</td>
<td></td>
<td>NO</td>
<td>NO</td>
<td>NONE</td>
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<tr>
<td>MICROBICIDE</td>
<td>MIX</td>
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<td>WATER</td>
<td>7732-18-5</td>
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</tbody>
</table>

Section 3: HAZARDOUS IDENTIFICATION

Health (Acute-Chronic): 1-1
Flammability: 0
Reactivity: 0
Environment (Air-Water-Soil): 2-2-1
Special Hazards: NA
Protective Equipment: Ventilation, wash facilities, gloves, goggles

Section 4: HEALTH HAZARDS - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Irrigate with water for 15 minutes.
Skin: Wash with soap and water.
Ingestion: Induce vomiting.
Inhalation: Remove to fresh air.

CALL A PHYSICIAN...CONTACT A POISON CONTROL CENTER

Section 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point: GT 140 degree F closed cup
Auto Ignition Temperature: 536 degree F
Flammable Limits in Air by Volume: LEL: 1.1
UEL: 13.1
Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, universal foam, waterspray.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus, protective clothing and equipment. Use waterspray to cool exposed equipment and protect personnel.
Unusual Fire and Explosion Hazards: Wear faceshield to protect face and eyes from contact with liquid vapor.

Section 6: ACCIDENTAL RELEASE MEASURE
When Material is Released or Spilled: Ventilate area, contain and cover spill with absorbent, sweep up and put in chemical waste drum. Do not allow spill to enter water courses.

Waste Disposal Methods: Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved incineration or chemical landfill waste disposal site.

Section 7: HANDLING AND STORAGE

Hygienic Practices; Due care should be used when handling this product. Wash thoroughly after handling.

Special Precautions: Keep container closed when not in use.

Warning Placard: Avoid contact with eyes. Do not take internally. Avoid intense heat.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: General room ventilation satisfactory.

Skin Protection: Chemical impervious gloves.

Eye Protection: Splash glasses.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor Mobile Liquid with no odor.

Molecular Weight Not applicable.

PH Not determined.

Refractive Index @ 20 degree C Not applicable.

Viscosity CPS @ 25 degree C Not determined.

Freezing/Melting Point -143 degree F

Boiling Point 250 degree F

Vapor Pressure (mm Hg @ 20 degree C) 8

Vapor Density (Air = 1) 3.1

Solubility in Water Soluble.

Solubility in Alcohol Not determined.

Solubility in Oil Not determined.

Solubility in Other Not determined.

Specific Gravity (H2O = 1) .92

VOC 47.7 g/l

Evaporation Rate Not determined.

Section 10 STABILITY & REACTIVITY DATA

Stability Stable.

Conditions to Avoid None.

Incompatibility Strong Oxidizing Agents.

Hazardous Decomposition Products Carbon dioxide and carbon monoxide may be produced when burned.

Hazardous Polymerization Will not occur.

Section 11: TOXIOLOGICAL INFORMATION

Aquatic Toxicity Not determined.

Biodegradability Not determined.

Partition Coefficient Not determined.

Primary Route(s) of Entry Dermal, inhalation, ingestion.

Signs and Symptoms of Exposure

a. Overexposure Effects: Slight eye irritation.

b. Chronic Effects: Drowsiness, anesthetic effect.

1. Inhalation: Minor respiratory irritation.

2. Eyes: Minor irritation from vapor and contact.

3. Skin: Mild irritation on sensitive skin.
Section 12: ECOLOGICAL INFORMATION

Ecotoxicological Information
No data available.

Chemical Fate Information
No data available.

Section 13: DISPOSAL CONSIDERATIONS

Dispose of according to appropriate local, regional and national laws or regulations. Do not reuse containers.
Dispose of absorbed material at approved incineration or chemical landfill waste disposal site.

Section 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

Ground Transport
Not regulated.

Air Transport
Not regulated.

Ocean Transport
Not regulated.

Section 15: REGULATORY INFORMATION (Not meant to be all inclusive)

OSHA Regulations
If respirator used, 29 CFR 1900.134

DOT Regulations
NA

EPA Regulations
NA

IMO Hazard Class #:
NA

Hazard Classification:
NA

DOT Name:
NA

Shipping Instructions:
NA

Section 16: OTHER INFORMATION

The hazards listed on this MSDS are taken from the MSDS for each of the ingredients in this mixture. In most cases the maximum form of hazard is represented here. The TLV’s represent the conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effects. It must be remembered that each individual reacts differently and some may experience discomfort while others do not. This MSDS is presented so that each individual will have the information to deal safely with the use of this product.

DISCLAIMER OF LIABILITY:

AS THE CONDITIONS OR METHODS OF USE ARE BEYOND OUR CONTROL, WE DO NOT ASSURE ANY RESPONSIBILITY AND EXPRESSLY DISCLAIM ALL LIABILITY FOR ANY USE OF THIS MATERIAL. INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH AND BELIEVED TO BE TRUE AND ACCURATE, BUT ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL OR RESULTS TO BE OBTAINED FROM THE USE THEREOF. INFORMATION ON MSDS SUPPLIED BY INK MANUFACTURER.

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Replaces: February 2, 2009

Prepared by: Michael A. Jones

PROJECT ENGINEER
MARKING and CODING PRODUCTS
LOVESHWAN an ITW COMPANY