1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY UNDERTAKING

1.1 **PRODUCT IDENTIFIER**

Product name: High Yield Magenta Wide Format Ink Cartridge for HP C9468A (HP 91)

Part number: HPC9468AWF

1.2 **IDENTIFIED USES AND USES ADVISED AGAINST**

For use in: Inkjet Printers

1.3 **SUPPLIER DETAILS**

Supplier: Clover Imaging Group
4200 Columbus Street
Ottawa, IL 61350
United States
Phone number: 815-431-8100
Fax: 815-461-8583

Contact Hours: 08:00AM-05:00PM CST

1.4 **EMERGENCY TELEPHONE NUMBERS**

Supplier: 815-431-8100

* This document provides safety-related information about ink/toner, in various forms, for use in copiers/printers etc.

2. HAZARDS IDENTIFICATION

2.1 **INFORMATION and CLASSIFICATION**

Overview: GHS-Labelling - Contains: Diethylene glycol (111-46-6), Ethanesulfonic acid, 2-(methyl((9Z)-1-oxo-9-octadecenyl)amino)-, potassium salt (130976-49-7), 2-methyl-2H-isothiazol-3-one (2682-20-4). Hazard Statements: May cause damage to organs through prolonged or repeated exposure if swallowed. (Kidney). Harmful to aquatic life. Precautionary Statements: Prevention: Wear eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid release to the environment. Response: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell. Disposal: Dispose of contents/container in accordance with local/regional/national/international regulation.

2.2 **LABEL ELEMENTS**

Applicable Pictograms:

Danger Indications: Eye Irritation - Category 2A. Specific target organ toxicity repeated exposure - Category 2 - Oral. Acute aquatic toxicity - Category 3.

Risk Phrases: N/A

Safety Phrases: Signal Word: Warning.

2.3 **OTHER HAZARDS**

PBT or vPvB: N/A

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS number	Weight %	OSHA PEL	ACGIH TLV	Other
Diethylene Glycol	111-46-6	15-20			
Ethanesulfonic acid, 2-(methyl((9Z)-1-oxo-9-octadecenyl)amino)-m potassium salt	130976-49-7	1- <3			
2-methyl-2H-isothiazol-3-one	2682-20-40	<0.05			

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest Directives.

This section provides composition information for the specified substance/mixture.

4. FIRST-AID MEASURES

4.1 **FIRST AID MEASURES**

4.1.1 **FIRST AID INSTRUCTIONS BY RELEVANT ROUTES OF EXPOSURE**

Inhalation:	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. If easy to do, remove contact lens, if worn. If eye irritation persists: Get medical advice/attention.
Skin contact:	Wash off immediately with soap and plenty of water. Get medical attention if symptoms occur.
Ingestion:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur.

4.1.2 **ADDITIONAL FIRST AID INFORMATION**

Additional first aid information:	N/A
Immediate Medical Attention Required:	N/A

4.2 **SYMPTOMS AND EFFECTS**

Acute Symptoms from Exposure:	Eye irritation: Signs/symptoms may include localized redness, swelling, lachrymation, itching, dryness, and pain. Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.
Delayed Symptoms from Exposure:	Eye irritation: Signs/symptoms may include localized redness, swelling, lachrymation, itching, dryness, and pain. Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

4.3 **IMMEDIATE SPECIAL TREATMENT OR EQUIPMENT REQUIRED**

N/A

5. FIRE-FIGHTING MEASURES

5.1 **EXTINGUISHING MEDIA**

Recommended Extinguishing Media: Water spray, Dry chemical, Carbon dioxide (CO), Foam.

Extinguishing Media Not to be Used: N/A

5.2 **SPECIAL HAZARD**

Unusual Fire/Explosion Hazards: Hazardous Combustion Products: Carbon oxides.

Extinguishing Media Not to be Used: N/A

5.3 **ADVICE FOR FIRE FIGHTERS**

Avoid inhalation of smoke. Wear protective clothing and wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

6.1.1 **PRECAUTIONS FOR NON-EMERGENCY PERSONNEL**

Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapor. Use only with adequate ventilation. Wash throroughly after handling. Do not eat, drink or smoke when using this product.

6.1.2 **ADDITIONAL FIRST AID INFORMATION**

N/A

6.1.3 **PERSONAL PROTECTION**

Wear personal protective equipment as described in Section 8.

6.2 **ENVIRONMENTAL PRECAUTIONS**

Regulatory Information: Keep product out of sewers and watercourses.

6.3 **METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP**

Spill or Leak Cleanup Procedures: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Recommendations for Handling:	No special precautions when used as intended. Keep containers closed. If toner, avoid creating dust. Keep away from ignition sources.
Advice on General Hygiene:	Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

7.2 CONDITIONS FOR SAFE STORAGE

Avoid high temperatures, >100°F/32°C

7.3 SPECIFIC END USES

Printing devices

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release in order to maintain airborne concentrations of the product below OSHA PELs (See Section 3).
Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

8.2 EXPOSURE CONTROLS

Respiratory protection:

IMPROPER USE OF RESPIRATORS IS DANGEROUS. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134 and 1910.137) and, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given work conditions, levels of airborne contamination, and sufficient levels of oxygen.

Eye/Face Protection:

Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Hand/Skin Protection:

For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. WARNING! Air purifying respirators do not protect worker in oxygen deficient atmospheres.

Additional Protection:

N/A

Protective Clothing and Equipment:

Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear splash-proof chemical goggles and face shield when working with liquid, unless full face piece respiratory protection is worn.

Safety Stations:

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment:

Separate contaminated work clothes from street clothes. Launder before reuse. Remove material from your shoes and clean personal protective equipment. Never take home contaminated clothing.

Comments:

Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **DETAIL INFORMATION**

Physical state:	APPEARANCE: Magenta liquid.
Color:	Magenta
Odor:	No data available.
Odor threshold:	N/A
Boiling point:	N/A
Melting point:	N/A
Flash point:	>93.33°C (>200.0°F) (estimated)
Explosion limits:	N/A
Relative density:	N/A
Auto-ignition temperature:	N/A

9.2 **OTHER INFORMATION**

N/A

10. CHEMICAL STABILITY AND REACTIVITY

10.1 **Reactivity:**

Reactivity Hazards:	None
Data on Mixture Substances:	None

10.2 **Chemical Stability:** The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

10.3 **Hazardous Polymerization:** Stable under conditions of normal use.

10.4 **Conditions to Avoid:** Keep away from heat, flame, sparks and other ignition sources.

10.5 **Incompatible Materials:** Strong oxidizing materials

10.6 **Hazardous Decomposition:** Will not occur.

11. INFORMATION ON TOXICOLOGICAL EFFECT

Mixtures:	N/A
Acute Toxicity:	Diethylene Glycol (111-46-6): Oral LD50 (Rat): 12,565 mg/kg. Oral LD50 Oral (Humans): 1,120 mg/kg. Inhalation LC50 (Rat): >5.08 ml/l 4 hr. Dermal LD50 (Rabbit): 11,890 mg/kg. Ethanesulfonic acid, 2-(methyl((9Z)-1-oxo-9-octadecenyl)amino)-m potassium salt (130976-49-7): Oral LD (male and female Rat): >2,000 mg/kg (Highest dose tested - no evidence of effects at this dose level).
Skin Corrosion/Irritation:	Expected to be a low hazard for reccomended handling.
Serious Eye Damage:	May cause transient irritation.
Inhalation:	Expected to be a low hazard for reccomended handling.
Sensitization:	Slight skin irritation.
Mutagenicity:	Diethylene Glycol (111-46-6): Ames test: negative (in pressence and absence of activation). Ethanesulfonic acid, 2-(methyl((9Z)-1-oxo-9-octadecenyl)amino)-m potassium salt (130976-49-7): Salmonella-E.coli/Mammalian-Microsome Reverse Mutation Assay with a Confirmatory Assay (TA98, TA100, TA1535, TA1537, E.coli WP2uvrA (pKM101)): Negative (in presence and absence of activation.
Carcinogenicity:	ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by ACGIH. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by OSHA.
Reproductive Toxicity:	N/A
STOT - Single Exposure:	N/A
STOT - Multiple Exposure:	N/A
Ingestion:	May be harmful if swallowed. May cause damage to organs through prolonged or repeated exposure if swallowed.
Hazard Class Information:	N/A
Mixture on Market Data:	N/A
Symptoms:	N/A
Delayed/Immediate Effects:	N/A
Test Data on Mixture:	N/A
Not Meeting Classification:	N/A
Routes of Exposure:	N/A
Interactive Effects:	N/A
Absence of Specific Data:	N/A
Mixture vs Substance Data:	N/A

12. ECOLOGICAL INFORMATION

12.1	**Eco toxicity:**	Potential Toxicity: Toxicity to fish (LC50): 10-100 mg/l estimated. Toxicity to daphnia (EC50): 10 -100 mg/l estimated.
12.2	**Degradability:**	This product has not been tested for environmental effects.
12.3	**Bioaccumulation Potential:**	No data available.
12.4	**Mobility in Soil:**	No information available.
12.5	**PBT & vPvB Assessment:**	N/A
12.6	**Other Adverse Effects:**	N/A

13. DISPOSAL CONSIDERATIONS

Disposal Information:
Dispose of product in accordance with local authority regulations.
Empty container retains product residue.

Physical/Chemical Properties that affect Treatment:
Symbol: This product is not classified as dangerous
Risk Phrases: This product is not classified according to the federal, state and local environmental regulations.

Waste Treatment Information:
If toner, do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.

Personal Protection Required:
N/A

14. TRANSPORT INFORMATION

14.1 **ID Number:** Not regulated for all modes of transportation.

14.2 **Shipping Name:** N/A

14.3 **Hazard Class:** N/A

14.4 **Packing Group:** N/A

14.5 **Environmental Hazards:** N/A

14.6 **User Precautions:** N/A

14.7 **Bulk Transport:** N/A

15. REGULATORY INFORMATION

15.1 **Regulatory Information:** N/A

EPA Regulatory Information: N/A

CERCLA Reportable Quantity: N/A

15.2 **Superfund Information:**

Hazard Categories:

Immediate: N/A

Delayed: N/A

Fire: NFPA Rating: Health = 0 Fire = 1 Reactivity = 0

Pressure: N/A

Reactivity: N/A

Section 302 - Extremely Hazardous: No components of this product are subject to the SARA Section 302 (40 CRF 302.4) reporting requirements.
Section 311 - Hazardous: N/A

15.3 **State Regulations:** California Prop. 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

15.4 **Other Regulatory Information:** N/A

16. OTHER INFORMATION

General Comments: This information is based on our current knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular application

Creation Date of this SDS: 12/31/2020

Key to Abbreviations and Acronyms used in this sheet:

ACGIH = American Conference of Governmental Industrial Hygienists	NIOSH = National Institute for Occupational Safety and Health
CERCLA = Comprehensive Environmental Response Compensation and Liability Act	OSHA = Occupational Health and Safety Administration
CLP = Classification, Labeling, and Packaging	PEL = Permissible Exposure Limit
DSD = Dangerous Substances Directive	SCBA = Self Contained Breathing Apparatus
EPA = Environmental Protection Agency	STOT = Specific Target Organ Toxicity
GHS = Globally Harmonized System	TLV = Threshold Limit Value
N/A = Not Applicable	UK = United Kingdom
NFPA = National Fire Protection Association	UN = United Nations

Ref: