



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: HP UV Printhead Flush

Commonly used in the following printer(s):
HP H35100, H35500, H45100, H45500, FB910
ColorSpan 5400uv Series, 9840uv, 72UVR/UVX, and 98UVX

Product Number: CH122A
Chemical Name: 2-(2-Ethoxyethoxy)Ethyl Acetate
Chemical Family: Glycol Ether Solvent
Intended Uses: Consumer and industrial applications

Company Identification

Hewlett-Packard
11311 K-Tel Drive
Minnetonka, MN 55343 USA

In case of exposure, please contact local Poison Control Center
Emergency phone for spills, leaks, fire, exposure or accident call
CHEMTREC: 1-800-424-9300 or 1-703-527-3887
Product information: (800) 925-0563
Revision Date: 01/01/08

2. HAZARDS IDENTIFICATION

While this material is not considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Emergency Overview

Potential Acute Health Effects:

Eyes: No known significant effects or critical hazards.
Skin: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.
Carcinogenic Effects: No known significant effects or critical hazards.
Mutagenic Effects: No known significant effects or critical hazards.
Teratogenicity/Reproductive Toxicity: No known significant effects or critical hazards.
See toxicological information (Section 11).

Hazardous Material
Identification System:

Health	1
Fire hazard	1
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS No.	CONTENTS
2-(2-ETHOXYETHOXY)ETHYL ACETATE	112-15-2	60-100%

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin Contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

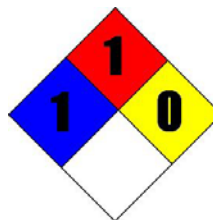
Protection of first aid providers: No action shall be taken involving any personal risk or without suitable training.

5. FIRE FIGHTING MEASURES

Flammability of the product: No specific hazard.
Products of combustion: These products are carbon oxides (CO, CO₂).

Special exposure hazards: Not available.
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and Self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

NFPA Rating



6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up: If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Storage Conditions: not available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Consult local authorities for acceptable exposure limits.

Engineering measures: No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Color: Colorless.

Flash point: Closed Cup: 98°C (208.4°F).

10. STABILITY AND REACTIVITY

Stability and Reactivity: The product is stable.

11. TOXICOLOGICAL INFORMATION

Specific Effects:

Carcinogenic effects: No known significant effects or critical hazards.
Mutagenic Effects: No known significant effects or critical hazards.
Teratogenicity /: No known significant effects or critical hazards.
Reproductive Toxicity

Sensitization:

Ingestion: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Eyes: No known significant effects or critical hazards.
Skin: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Environmental Precautions: No known significant effects or critical hazards.
Products of Degradation: These products are carbon oxides (CO, CO₂) and water.
Toxicity of the Products of: The product itself and its products of degradation are not toxic.

13. DISPOSAL CONSIDERATIONS

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. TRANSPORTATION INFORMATION

DOT Classification

UN Number: Not Regulated
Proper Shipping Name: Not Available
Class: Not Available
Packing Group: Not Available

15. REGULATORY INFORMATION

HCS Classification: Not regulated.
TSCA 8(b) Inventory: Listed
U.S. Federal Regulations:
TSCA 8(a) PAIR: 2-(2-Ethoxyethoxy)Ethyl Acetate
TSCA 8(b) Inventory: 2-(2-Ethoxyethoxy)Ethyl Acetate
SARA 302/304/311/312 Extremely Hazardous Substances: No products were found.

SARA 302/304 Emergency Planning and Notification: No products were found.
 SARA 302/304/311/312 Hazardous Chemicals: No products were found.
 SARA 311/312 MSDS Distribution - Chemical Inventory - Hazard Identification:
 No products were found.
 Clean Water Act (CWA) 307: No products were found.
 Clean Water Act (CWA) 311: No products were found.
 Clean Air Act (CAA) 112 Accidental Release Prevention: No products were found.
 Clean Air Act (CAA) 112 Regulated Flammable Substances: No products were found.
 Clean Air Act (CAA) 112 Regulated Toxic Substances: No products were found.

SARA 313:

	<u>Product Name</u>	<u>CAS Number</u>	<u>Concentration</u>
Form R - Reporting Requirements:	2-(2-Ethoxyethoxy)Ethyl Acetate	112-15-2	100
Supplier Notification:	2-(2-Ethoxyethoxy)Ethyl Acetate	112-15-2	100

SARA notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State Regulations:

Pennsylvania RTK: 2-(2-Ethoxyethoxy)Ethyl Acetate:(environmental hazard, generic environmental hazard)

New Jersey RTK: 2-(2-Ethoxyethoxy)Ethyl Acetate

EU Regulations:

Risk Phrases: This product is not classified according to EU legislation.

International Lists:

Australian Inventory (AICS): Listed

Canada Inventory (DSL): Listed

China Inventory (IECS): Listed

EC Inventory (EINECS/ELINCS): Listed

Japan Inventory (ENCS): Listed

Korea Inventory (ECL): Listed

New Zealand Inventory (HASNO): Not determined

Philippine Inventory (PICCS): Listed

16. OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. The information contained herein is based upon data obtained from the manufacturer and/or recognized technical sources. This information is believed to be correct, but does not purport to be all-inclusive and shall be used only as a guide. Since the condition of handling and use are beyond our control, Hewlett-Packard assumes no liability for loss or injury resulting from the use of this product or the information herein. All chemicals may present unknown health hazards and should be used with caution. No representation or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunto with respect to the information contained herein or the product to which the information refers. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, provincial, state, and local laws and regulations.