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Revision Number 4

Safety Data Sheet

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Description EASYInk Ultra UV

Other means of identification

Part Number ASINKHPUUV
Synonyms W3T10BSeries

Recommended use of the chemical and restrictions on use

Recommended Use inkjet printing
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address
Neopost USA, Inc
478 Wheelers Farms Road
Milford, CT 06461-9105
Phone: 203-301-3400
e-mail: info@neopost.com

Manufacturer Name

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112 USA
PH: 650-857-1501
hpcustomer.inquiries@hp.com

Emergency telephone number Toll-Free 1-800-457-4209

Emergency Telephone International: +1 760-710-0048

2. Hazards Identification

Classification

OSHA Regulatory Status
Not Classified

Serious eye damage/eye irritation	Category 1
Reproductive toxicity	Not Classified
Flammable Liquids	Category 2

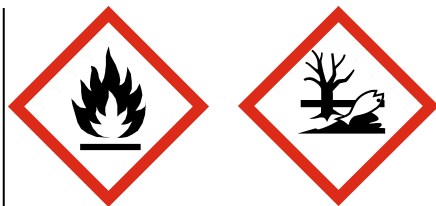
Label Elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Highly flammable liquid and vapor. Very toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, acute hazard
Hazardous to the aquatic environment, long-term hazard

**Appearance** Black**Physical state** liquid**Odor** slight amine**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Keep cool. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Precautionary Statements - Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use sand, carbon dioxide (CO₂) or dry chemical to extinguish. Collect spillage

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)

Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Other Information

- May be harmful if swallowed
- Harmful to aquatic life with long lasting effects
- Toxic to aquatic life

Unknown acute toxicity

37.227762 % of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Chemical name	CAS No	Weight-%	Trade secret
Ethyl Alcohol	64-17-5	<90	*
Ethyl Acetate	141-78-6	<7.5	*
C.I. Solvent Black 29	61901-87-9	<6	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

NOTE

Remaining components are either not hazardous or below threshold limits.

4. First aid measures

Description of first aid measures**General advice**

Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray. If symptoms persist, call a physician. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately.

Skin Contact	In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. Get medical attention, if needed.
Inhalation	If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Remove to fresh air. Call a physician. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
Ingestion	Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Self-protection of the first aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms Not Available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use Carbon dioxide (CO₂) Dry chemical Alcohol resistant foam or sand

Unsuitable extinguishing media Not available.

Specific hazards arising from the chemical

None known.

Explosion data

Sensitivity to Mechanical Impact Avoid producing sparks.

Sensitivity to Static Discharge Yes, use precaution.

Protective equipment and precautions for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways. Move containers from fire area if you can do it without risk.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures**Personal precautions**

Avoid contact with skin. Avoid inhalation of vapors or mists.
Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition.
Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods and material for containment and cleaning up**Methods for containment**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Cover liquid spill with sand, earth or other non-combustible absorbent material. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

7. Handling and Storage

Precautions for safe handling

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment..

Conditions for safe storage, including any incompatibilities

Storage Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

Incompatible materials Strong oxidizing agents.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol CAS 64-17-5	1000 ppm STEL	TWA: 1000 ppm TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Ethyl Acetate CAS 141-78-6	400 ppm TWA	TWA: 400 ppm TWA: 1400 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m ³

NIOSH IDLH: Immediately Dangerous to Life or Health

Engineering Measures Ensure adequate ventilation, especially in confined areas. Showers. Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tight sealing safety goggles. Face protection shield.

Skin and body protection Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant clothing.

Respiratory protection Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measures Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	liquid	Odor	solvent
Appearance	Black	Odor Threshold	No information available
Color	Black		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	N/A	
Melting point / freezing point	N/A	
Boiling point / boiling range	N/A	
Flash point	37.4 °F (3.0 °C)	Setaflash Closed Cup

Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Water solubility	No information available
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC content	0.01 % estimated 753.5 g/l
Liquid Density	No information available
Bulk density	No information available

10. Stability and Reactivity

Reactivity

no data available

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None known.

Hazardous polymerization	Not known.
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Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

Not Available.

11. Toxicological Information

Information on likely routes of exposure**Product Information**

Inhalation	Inhalation may result in mild irritation to the respiratory system.
Eye contact	Contact with eyes may result in mild irritation.
IF ON SKIN	Contact with skin may result in mild irritation.
Ingestion	Ingestion is not a likely route of exposure.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl acetate 141-78-6	= 5620 mg/kg (Rat)	-	= 200 gm/m ³ (Rat) 4 h
Ethyl alcohol 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

irritation May cause irritation of respiratory tract. May cause skin and eye irritation.
Sensitization Based on available data, the classification criteria are not met.
Mutagenic effects Based on available data, the classification criteria are not met.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains Ethanol which is classified as a possible carcinogen when ingested in the form of an alcoholic beverage. This is irrelevant as this product is used for ink jet ink applications not an alcoholic beverage.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol 64-17-5	A3	Group 1	Known	X

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

NTP: (National Toxicity Program)

Known - Known Carcinogen

Reproductive toxicity May impair fertility. Possible risk of impaired fertility. May cause harm to the unborn child. Possible risk of harm to the unborn child.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic toxicity Avoid repeated exposure. Contains a known or suspected reproductive toxin.

Target organ effects blood, Central Nervous System (CNS), Eyes, liver, Reproductive System, blood, Skin.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity Complete toxicity data are not available for this specific formulation
Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological Information

Ecotoxicity

Very toxic to aquatic life with long lasting effects. Static acute toxicity (trout), survival (10 mg/L) = 0%.

Chemical name	Algae/aquatic plants	Toxicity to Fish	Crustacea
Ethyl acetate 141-78-6	-	Fathead Minnow 230mg/L/96H Golden orfe LC50=270 mg/L/48H	Daphnid LC50=2500 mg/L/96H
Ethyl alcohol 64-17-5	-	13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static	2: 48 h Daphnia magna mg/L EC50 Static 9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Chemical name	Partition coefficient
Ethyl acetate 141-78-6	0.73
Ethyl alcohol 64-17-5	-0.32

Other adverse effects No information available

13. Disposal Considerations

Waste treatment methods

Waste treatment methods Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.

Contaminated packaging Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste Status
Ethyl alcohol 64-17-5	Toxic; Ignitable

14. Transport Information

DOT

UN number UN1210
UN proper shipping name Printing ink
Transport hazard class(es)
 Class 3
 Subsidiary risk -
Packing group II
Environmental hazards
 Marine pollutant No

Special precautions for user Not available.

DOT Supplemental Information DOT Classification only applies to shipments within the US and Puerto Rico.

IATA

UN number UN1210
UN proper shipping name Printing ink
Transport hazard class(es)
 Class 3
 Subsidiary risk -
Packing group II
Environmental hazards No.

Special precautions for user Not available.

IMDG

UN number UN1210
UN proper shipping name Printing ink
Transport hazard class(es)
 Class 3
 Subsidiary risk -
Packing group II
Transport hazard class(es)
 Marine pollutant No.

EmS Not available.

Special precautions for user Not available.

ADR; IATA; IMDG



DOT



Further information

Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

Not a marine pollutant or environmental hazard when shipping ≤ 5L containers.

15. Regulatory Information

US federal regulations

US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethyl Acetate (CAS 141-78-6)

Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Ethyl Acetate (CAS 141-78-6)

Low priority

Ethyl Alcohol (CAS 64-17-5)

Low priority

US state regulations Not Listed**Other information** VOC content (less water, less exempt compounds) = 753.5 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)**Regulatory information** All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Prop. 65
Ethyl alcohol - 64-17-5	Carcinogen Developmental

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethyl alcohol 64-17-5	X	X	X

U.S. EPA Label Information**EPA Pesticide registration number** Not applicable**16. Other Information****Issue date** 07-Aug-2019**Revision date** 18-November-2019**Version #** 04**Other information** This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).**Disclaimer** This Safety Data Sheet document is provided without charge to customers of Neopost. Data is the most current known to Neopost at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.**Revision information** Product and Company Identification: Alternate Trade Names, Part numbers & Distributors
Identification: Important information

Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds

End of Safety Data Sheet