

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: August 11, 2023

Version No.: 1.0

EFHZ23081053-CG-01

Trade name: Sleek ink

1 Identification

• **Product identifier**

• **Trade name:**

Sleek ink

• **Other means of identification:**

No available data.

• **Recommended use of the chemical and restrictions on use**

• **Application of the substance/ mixture:**

Writing.

• **Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

Contact Person: Cookie

Tel: 0574-87670003

Fax: 0574-87383226

• **Other US contact point:**

No information available.

• **Further information obtainable from:**

• **Emergency telephone number**

US Poison Center

Tel: + 1 800 222 1222 (24 hours available)

2 Hazard(s) identification

• **Classification of the substance or mixture:**

Hazard class	Hazard category
Sensitization-skin	Category 1
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity, single exposure-Respiratory tract irritation	Category 3

• **Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

• **Label elements**

• **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**

• **Hazard pictograms:**



• **Signal word:**

Danger

• **Hazard-determining components of labeling:**

Solvent black 46

Phenoxyethanol

• **Hazard statements:**

May cause an allergic skin reaction

Causes serious eye damage

May cause respiratory irritation

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*Trade name: Sleek ink***• Precautionary statement:**

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Avoid breathing vapors.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/ eye protection/ face protection.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
If on skin: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
Specific treatments see the first aid measures on this label.
Take off contaminated clothing and wash it before reuse.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container in accordance with local regulations.

• Hazards not otherwise classified (HNOC): No otherwise classified hazards.**3 Composition/information on ingredients****• Chemical characterization:**

Mixture

• Description:

Sleek ink.

• Components:

CAS No.	Composition Name	w/w, %
65113-55-5	Solvent Black 46	10-25
122-99-6	Phenoxyethanol	2.5-10
100-51-6	Benzyl alcohol	2.5-10

4 First aid measures**• Description of first aid measures****After inhalation:**

Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.

After skin contact:

Wash with plenty of water and soap.
If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.

After swallowing:

Rinse mouth.
If feel unwell, get medical advice/attention.

• Information for doctor**• Most important symptoms and effects, both acute and delayed:**

May cause an allergic skin reaction.
Causes serious eye damage.
May cause respiratory irritation.

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*Trade name: Sleek ink***• Indication of any immediate medical attention and special treatment needed:**

Treat according to symptom, there is not known specific medicine.

5 Fire-fighting measures**• Suitable extinguishing agents:**CO₂, chemical dry powder, water spray or alcohol resistant foam to extinguish.**• Special hazards arising from the substance or mixture:**

May produce corrosive / toxic vapor/ gas in air under fire.

• Special protective equipment and precaution for firefighters**• Protective equipment:**

Wear an approved positive pressure self-contained breathing apparatus (Comply with OSHA).

6 Accidental release measures**• Personal precautions, protective equipment and emergency procedures:**

Cut off the leakage source, and collect spillage timely if safe do it.

Ensure adequate ventilation.

Use respiratory protective device against the effects of vapor.

Avoid breathing vapor.

Wear protective gloves /eye protection/face protection.

Avoid contact with skin and eyes.

Avoid release to the environment.

• Environmental precautions:

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

• Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure good ventilation.

Dispose contaminated material as waster according to item 13.

7 Handling and storage**• Handling****• Precautions for safe handling:**

Read label before use.

Use only outdoors or in a well-ventilated area.

Use respiratory protective device against the effects of vapor.

Do not breathe vapor.

Wear protective gloves /eye protection/face protection.

Avoid contact with skin and eyes.

Avoid release to the environment.

• Information about fire and explosion protection:

Normal measures for preventive fire protection.

• Conditions for safe storage, including any incompatibilities**• Requirements to be met by storerooms and receptacles:**

Store in a well-ventilated place.

Keep container tightly closed.

• Information about storage in one common storage facility:

Keep out of reach of children.

• Further information about storage conditions:

Store locked up.

8 Exposure controls/personal protection

• **Components with limit values that require monitoring at the workplace:**

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
65113-55-5	Solvent Black 46	None	None	None	None
122-99-6	Phenoxyethanol	None	None	None	None
100-51-6	Benzyl alcohol	None	None	None	None

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wash contaminated clothing before reuse.

See section 7 for information about design of technical facilities.

• **Personal protective equipment:**

• **Breathing equipment:**

Not required under normal conditions of use.

For industrial applications, following protection required:

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• **Protection of hands:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

• **Eye protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• **Body Protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

Gauntlets, boots, bodysuit are recommended.

9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **Appearance:**

Form	Liquid
Color	Black
Odor	Odorless

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Odor threshold	Not determined.
• pH-value	7 (20 °C)
• Change in condition	
Melting point/melting range	Not determined.
Boiling point and boiling range	185 °C
• Freezing point	Not determined.
• Flash point	>113 °C
• Flammability	Not flammable liquid
• Decomposition temperature	Not determined.
• Self-ignition	371 °C
• Danger of explosion	Product does not present explosive hazard.
• Explosion limits	
Lower:	2.6 Vol %
Upper:	12.6 Vol %
• Oxidizing properties	Not oxidizing agent
• Vapor pressure	0.1 Pa (20°C)
• Density	1.1 g/cm ³ (20°C)
• Relative density	Not determined.
• Vapor density	Not determined.
• Evaporation rate	Not determined.
• Solubility in/Miscibility with	
Water	0.1%
• Partition coefficient (n-octanol/water)	Not applicable
• Viscosity	
Dynamic	850 mPa (20°C)
Kinematic	Not determined.
• Other information	Not determined.

10 Stability and reactivity

• **Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

• **Chemical stability:**

Stable under recommended storage conditions.

• **Possibility of hazardous reactions:**

No known hazardous reaction.

• **Conditions to avoid:**

High temperature.

• **Incompatible materials:**

Strong acid and strong oxidizing agents.

• **Hazardous decomposition products:**

No known hazardous decomposition products.

11 Toxicological information

• **Acute toxicity:**

Non-toxic chemical.

LD50/LC50 values that is relevant for classification:

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122-99-6 Phenoxyethanol		
Mouse	LD50-oral	933mg/kg
Rabbit	LD50-skin	5ml/kg
Rat	LD50-oral	1260mg/kg
	LC50-skin	14422mg/kg
100-51-6 Benzyl alcohol		
Rat	LD50-oral	1230mg/kg
Mouse	LD50-oral	1360mg/kg
Rabbit	LD50-oral	1040mg/kg
	LD50-skin	2000mg/kg
Remark: All the above data are from literature.		
• Primary irritant effect • Skin corrosion/irritation: Not irritant to skin. • Serious eyes damage/ irritation: Corrosive to eyes. • Sensitization: Sensitive to skin.		
Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: allergic, corrosive.		
• Carcinogenic categories • IARC (International Agency for Research on Cancer): None of the ingredients is listed. • NTP (National Toxicology Program): None of the ingredients is listed.		

12 Ecological information

• Toxicity:

LC50/EC50/NOEC values that is relevant for classification:	
65113-55-5 Solvent Black 46	
Long-term toxicity to fish	NOEC (35 days) 40 µg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 11 µg/L
	NOEC (48 h) 5.1 µg/L
Long-term toxicity to aquatic invertebrates	EC50 (21 days) 15.2 µg/L
	LC50 (21 days) 12.7 µg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 3.4 - 5.3 µg/L
	NOEC (72 h) 1.4 µg/L
122-99-6 Phenoxyethanol	
Short-term toxicity to fish	LC50 (4 days) 344 mg/L
	NOEC (4 days) 100 mg/L
Long-term toxicity to fish	NOEC (34 days) 23mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 488 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 9.43 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 443 mg/L
	NOEC (72 h) 159 mg/L
Toxicity to aquatic plants other than algae	EC50 (16 h) 1.494 g/L
100-51-6 Benzyl alcohol	
Short-term toxicity to fish	LC50 (4 days) 460 mg/L

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Trade name: Sleek ink

Long-term toxicity to fish	NOEC (30 days) 48.897 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 230 mg/L LC50 (48 h) 260.415 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 51 - 66 mg/L EC50 (21 days) 66 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 500 - 770 mg/L NOEC (72 h) 310 mg/L
• Persistence and degradability:	
65113-55-5 Solvent Black 46	Under test conditions no biodegradation observed
122-99-6 Phenoxyethanol	Biodegradation: 82%/17d Zahn-Wellens test; Readily Biodegradable Readily eliminable (DOC reduction >70%).
100-51-6 Benzyl alcohol	Readily biodegradable in water
• Bio-accumulative potential:	
65113-55-5 Solvent Black 46	Log Pow = 5.7 at 22 °C
122-99-6 Phenoxyethanol	Log Pow= 1.107 - 1.2 at 23 °C
100-51-6 Benzyl alcohol	Log Pow = 0.87 - 1.1 at 20 - 25 °C
• Mobility in soil:	
65113-55-5 Solvent Black 46	Log Koc = 4.72 at 20°C
100-51-6 Benzyl alcohol	Log Koc=1.20 at 20°C
• Additional ecological information	
• Other adverse effects:	
No known other adverse effects.	

13 Disposal consideration

• Waste treatment methods

• Recommendation:

Must not be disposed together with household garbage.

• Un-cleaned packaging

• Recommendation:

Dispose of contents/container in according to the local regulation.

14 Transport information

• ADR/ADN/RID (2023 Edition)

This product is not subject to ADR/ADN according to special provision 335.

• IATA-DGR (64th)

This product is not subject to IATA-DGR according to special provision A158.

• IMO/IMDG (40-20)

This product is not subject to IMO/IMDG code according to special provision 335.

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture

• Sara

• Section 355 (extremely hazardous substances):

None of the ingredients is listed.

• Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

• TSCA (Toxic Substances Control Act):

65113-55-5	Solvent Black 46	Listed
122-99-6	Phenoxyethanol	Listed

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100-51-6	Benzyl alcohol	Listed
• Proposition 65		
• Chemicals known to cause cancer: None of the ingredients is listed.		
• Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.		
• Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.		
• Chemicals known to cause developmental toxicity: None of the ingredients is listed.		
• Washington, WAC 173-334-130 (CHCC): None of the ingredients is listed.		
• Chemicals of Concern, published by Maine DEP on July, 2015: None of the ingredients is listed.		
• Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014: None of the ingredients is listed.		
• High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016: None of the ingredients is listed.		
• Carcinogenicity categories		
• EPA (Environmental Protection Agency): None of the ingredients is listed.		
• TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.		
• NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.		
• OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.		

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• Abbreviations and acronyms:

DOT: Department of Transportation
 IMDG: International Maritime Code for Dangerous Goods.
 IATA: International Air Transport Association
 LD50: Lethal dose, 50 percent
 LC50: Lethal concentration, 50 percent
 NOEC: No observed effect concentration
 EC50: Concentration of maximal effect, 50 percent
 PEL: Permissible Exposure Limit
 TLV: Threshold limit value
 REL: Recommended Exposure Limit

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End of safety data sheet

The test item was subcontracted to other lab.

Eurofins (Hangzhou) contact information

Customer service: CandyWanyan@eurofins.com+86 571 87203730

Sales specialist: AmyXu@eurofins.com/ +86 13456161010