

SAFETY DATA SHEET



According to regulation 1907/2006/EC (REACH) annex 2020/878

BLACK (FOL69A)- 44112520

Version:2.1 / EN

Revised: 2024-04-25

Printed: 18.11.2024

Section 1: Chemical Product and Company Identification

| | |
|-----------------------------|--|
| Name of the mixture: | Black (FOL69A) |
| Application of the mixture: | Industrial Inkjet Ink for cardboard and coated stock / 45A cartridge |
| Company name: | Visiott San.Tic.Ltd.Sti Dempa Industrial Zone 3797. St. No:22 06105 Yenimahalle-Ankara/TR |
| Technical information: | Mr. Gorkem AYDIN |
| Telephone: | +90 5333417920 |
| Email: | info@visioink.com |
| Emergency call: | +90 5333417920 |

Section 2: Hazards Identification

Classification of the mixture:

Label Elements



Warning

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Section 3: Composition and Information on Ingredients

Chemical characterization:

Not flammable solution of dyes and additives.

Hazardous substances contained in the mixture

| Name CAS-No | EC-No. | Content (Gew.-%) | Classification / labelling | |
|---|-------------|---------------------|---|---------------------------|
| | | | Hazard Symbol | Hazard Phrases |
| Alkyldiol Proprietary | Proprietary | <15 % |  Warning | H302, H315, H319 |
| Substituted naphthalene- sulfonate salt Proprietary | Proprietary | < 2,5% |  Warning | H302, H315, H319, H335 |

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Section 4: First Aid Measures



General note:

Take injured persons out of danger. If a doctor is consulted, please show this safety data sheet.

After inhalation:

Ensure fresh air. If symptoms persist, consult a physician.

After skin contact:

Remove moistened garments. Wash affected areas carefully with a mild soap and water. If irritation develops or persists, consult a physician.

Eye contact:

Do not rub eyes. Immediately with plenty of pure lukewarm water. If irritation develops or persists, consult an ophthalmologist.

After swallowing:

Rinse mouth immediately if possible. If larger amounts are swallowed, consult a physician.

Section 5: Fire and Explosion Data



The product is not flammable.

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard: 0

Extinguishing media:

All extinguishing media are appropriate.

Protective measures:

Protective goggles, gloves and coat.

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Section 6: Accidental Release Measures

Security measures related to persons

Wear appropriate protective clothing as described in section 8. Avoid contact with eyes and skin.

Environmental precautions

Do not allow product to enter drains or water bodies.

Methods for cleaning up / taking up

Absorb with absorbent material.
Wash with water.

Section 7: Handling and Storage

Handling

No special measures required.

Storage

Store in a dry, cool place. Store away from foodstuffs.
No special measures necessary; Store, deliver, etc. in sealed original containers.

Do not expose to frost.

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Section 8: Exposure Controls/Personal Protection

Relevant DNELs/DMELs/PNECs and other threshold levels for Alkyldiol

- human health values

| Endpoint | Threshold level | Protection goal, route of exposure | Used in Exposure time |
|--------------|------------------------|------------------------------------|------------------------------------|
| DNEL | 277 mg/kg | human, dermal | worker (industry) acute-systemic |
| effects DNEL | 10 mg/kg | human, dermal | worker (industry) chronic-systemic |
| eff. DNEL | 57.8 mg/m ³ | human, inhalatory | worker (industry) chronic-systemic |
| eff. | | | |

- environmental values

| Endpoint | Threshold level | Environmental compartment |
|----------|-----------------|------------------------------|
| PNEC | 0.5 mg/l | freshwater |
| PNEC | 0.05 mg/l | marine water |
| PNEC | 10 mg/l | sewage treatment plant (STP) |
| PNEC | 0.4205 mg/kg | freshwater sediment |
| PNEC | 0.0612 mg/kg | soil |
| PNEC | 0.5 mg/l | water |

General protective and hygienic measures

When handling chemicals the usual precautions should be taken, especially protective gloves and goggles, especially when handling larger quantities. Do not eat, drink or smoke during work. Wash hands before work breaks and at the workplace.

Section 9: Physical and Chemical Properties

Color: black
 Odor: weak, characteristic
 Phase State: liquid
 pH: 8
 Melting point: 0 ° C
 Boiling point: not determined
 Flash point: > 100 ° C
 evaporation speed: not
 determined Ignition temperature:
 not flammable Density at 20C:
 1.0 -1.1 g /
 cm³
 Solubility in water: given

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Section 10: Stability and Reactivity Data

All data are subject to the intended use.

Conditions to avoid

Stable under the recommended storage conditions.

Substances to be avoided

Strong bases, strong acids, strong oxidizing agents.

Possible dangerous reactions

No information available.

Hazardous decomposition products

In the event of fire, this product may liberate carbon dioxide, carbon monoxide, nitrogen oxides and low molecular weight hydrocarbons.

Section 11: Toxicological Information

Acute toxicity for Alkyldiol:

Shall not be classified as acutely toxic.

| Exposure route | Endpoint | Value | Species | Source |
|----------------|----------|--------------|---------|--------|
| oral | LD50 | >2,000 mg/kg | rat | ECHA |
| dermal | LD50 | >2,000 mg/kg | rabbit | ECHA |

Toxicological tests on the product itself

Not available.

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Section 12: Ecological Information

General ecological information

Do not allow to enter water, waste water or soil.

Toxicity for Alkyldiol

acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

| Endpoint | Value | Species | Source | Exposure time |
|----------|-------------|---------------|--------|---------------|
| LC50 | 10,000 mg/l | fish | ECHA | 96 h |
| EC50 | >500 mg/l | daphnia magna | ECHA | 48 h |
| ErC50 | >500 mg/l | algae | ECHA | 72 h |

Aquatic toxicity (chronic)

| Endpoint | Value | Species | Source | Exposure time |
|----------|-------------|----------------|--------|---------------|
| EC50 | >1,000 mg/l | microorganisms | ECHA | 30 min |

Process of degradability for Alkyldiol

The substance is readily biodegradable.

Theoretical Oxygen Demand with nitrification: 2.35
mg/mg Theoretical Oxygen Demand: 1.692
mg/mg

Theoretical Carbon Dioxide: 2.068 mg/mg
Biochemical Oxygen Demand: 1,200 mg/g

| Process | Degradation rate | Time |
|-------------|------------------|------|
| DOC removal | 98 % | 9 d |

Bioaccumulative potential for Alkyldiol

Does not significantly accumulate in organisms.

n-octanol/water (log KOW) -0.71 (25 °C)
Mobility in soil Data are not available.
Henry's law constant 0.00146 Pa m³/mol at 25 °C
Results of PBT and vPvB assessment Data are not available Other
adverse effects Data are not available.

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Section 13: Disposal Considerations



Product (recommended)

All state and local laws are to be observed.

This material may only be disposed of by an approved disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

No hazardous transport/cargo

Acc. to: ADR/RID/GGVSEB
(road) Acc. to: IMDG/GGVSee
(boat) Acc. to: ICAO/IATA
(airplane)

Keep away from food and drink.

Section 15: Other Regulatory Information

Labelling



Warning

National rules

None

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Section 16: Other Information

The information contained in this safety data sheet describes the safety requirements of our product and is based on the present state of our knowledge. They do not constitute a guarantee of product characteristics. Existing laws, regulations and regulations, including those not mentioned in this data sheet, are to be observed by the recipient of our products on their own responsibility.

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Relevant H-phrases of the components of the preparation (list):

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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General Advice

When handling chemicals or chemical preparations the usual precautionary measures must be observed, especially when handling larger quantities, protective gowns, protective gloves and protective goggles must always be worn.

Suction or adequate ventilation must always be provided.

Provide suitable respiratory protection if necessary.

Do not eat, drink or smoke while working. Open fires or sources of ignition are to be avoided.

Wash hands before work breaks and at the end of work.

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Note on EU 2020 / 878

This safety data sheet was created to the best of our knowledge and belief in front of the background of the last revision of the REACH Regulation (EC) No. 1907/2006 in accordance with the appendix of Regulation (EU) No. 2020/878.

All relevant information has been provided where possible and reasonable. A chemical safety assessment for this preparation is not available.

According to the actual meaning of a safety data sheet, we believe that it should still be easy to understand and read by everyone who handles the preparation and also be easy to handle for SMEs (small medium-sized companies), so that it is taken to heart. This was taken into account when creating it.

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Disclaimer

The information provided is based on our current knowledge.
This SDS was compiled and intended solely for this product.