



SDS No.: IK7119K-KDAU-01-EN

Issue date: 07/02/2020

Revision date: -

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name : Black ink for TASKalfa Pro 15000c
 Consumable name : IK-7119K
 Product form : Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : The image formation of our inkjet printers.
 Other uses are not recommended.

Details of the supplier of the safety data sheet

Manufacturer : KYOCERA Document Solutions Inc.
 Address : 1-2-28 Tamatsukuri, Chuo-ku, Osaka 540-8585, Japan
 Supplier : KYOCERA Document Solutions Australia Pty. Ltd.
 Address : Level 3, 6-10 Talavera Road, North Ryde, New South Wales 2113, Australia
 Telephone number : +61-2-9888-9999

Emergency telephone number

: 131 126 (24 hours) Poison Information Centre.

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to GHS under the WHS Regulations
 : Not classified as hazardous mixture.

GHS label elements

: Not applicable.

Other hazards

See section 4 and 11 for information on health effects and symptoms.

SECTION 3: Composition/information on ingredients

Substance or Mixture: : Mixture

Chemical name	Identifier CAS No.	Weight%	Classification (CLP)
Water	7732-18-5	40-60	None
Polyhydric alcohol	Confidential	10-20	None
Triethylene glycol monobutyl ether	143-22-6	10-20	Eye Dam. 1 (H318)
Carbon black	1333-86-4	5-10	None
Glycerol	56-81-5	5-10	None

Information of Ingredients

See section 8 for the information of occupational exposure limits.

See section 11 for the information of carcinogens.



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SECTION 4: First aid measures

Description of first aid measures

- Inhalation : Move to fresh air. Get medical attention if symptoms occur.
- Skin Contact : Wash thoroughly with soap and water. Get medical attention if symptoms occur.
- Eye Contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/ attention.
- Ingestion : Rinse mouth with water. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Potential health effects and symptoms

- Inhalation : Unlikely route of exposure under normal intended use.
- Skin contact : Unlikely to cause skin irritation.
- Eye contact : May cause eye irritation.
- Ingestion : Unlikely route of exposure under normal intended use.

Indication of any immediate medical attention and special treatment needed

- : No additional information available.
-

SECTION 5: Firefighting measures

Extinguishing media

- Suitable extinguishing media : Water spray, foam, powder, CO₂ or dry chemical.
- Unsuitable extinguishing media : None specified.

Special hazards arising from the substance or mixture

- Hazardous combustion products : Carbon dioxide. Carbon monoxide.

Advice for firefighters

- Fire-fighting procedures : None specified.
- Protective equipment for firefighters : None specified.
-

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

- : Avoid contact with eye, skin and clothing in case of accidental release.

Environmental precautions

- : Do not allow to enter into waterways, soil, drains and sewers.

Methods and material for containment and cleaning up

- Method for cleaning up : Wipe up with absorbent material (e.g. cloth, paper).

Reference to other sections

See section 13 for disposal information.



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SECTION 7: Handling and storage

Precautions for safe handling

- : Do not attempt to force open or break the parts (container and unit) which contains ink. Do not shake the ink container strongly. Ink leakage may occur.
- Wash hands thoroughly after handling.
- See safety guide of this product.

Conditions for safe storage, including any incompatibilities

- : Store in a dry, cool and well-ventilated area. Keep away from direct sunlight. Keep out of the reach of children.

SECTION 8: Exposure controls/personal protection

Control parameters

(Reference data)

US ACGIH Threshold Limit Values (TWA)

Carbon black: 3 mg/m³ (Inhalable fraction)

Glycerin (mist) : -

US OSHA PEL (TWA)

Carbon black: 3.5 mg/m³

Glycerin (mist) : -

Australian exposure standards : Workplace Exposure Standards for Airborne Contaminants, Appendix A

Carbon black: TWA 3 mg/m³

Glycerin (mist) : TWA 10 mg/m³

Exposure controls

- | | | |
|----------------------------------|---|--|
| Appropriate engineering controls | : | Special ventilator is not required under normal intended use.
Use in a well ventilated area. |
| Personal protective equipment | : | Respiratory protection, eye protection, hand protection, skin and body protection are not required under normal intended use.
If necessary: Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| Environmental exposure controls | : | Avoid release to the environment. |



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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state	: Liquid.
Color	: Black.
Odor	: Slight odor.
Odor threshold	: No data available.
pH	: 8-9 (at 25 °C)
Melting point	: No data available.
Boiling point	: No data available.
Flash point	: >100 °C [Cleveland open cup]
Evaporation rate	: No data available.
Flammability (solid, gas)	: Not applicable.
Upper/lower flammability or explosive limits	: No data available.
Vapour pressure	: No data available.
Vapour density	: No data available.
Relative density	: 1.0-1.1g/cm ³ (at 28 °C)
Solubility(ies)	: Miscible in water.
Partition coefficient: n-octanol/water	: No data available.
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available.
Viscosity	: 5-10 mPa·s (at 25 °C)
Explosive properties	: No data available.
Oxidising properties	: No data available.

Other information

: No additional information available.

SECTION 10: Stability and reactivity

Reactivity	: No data available.
Chemical stability	: This product is stable under normal conditions of use and storage.
Possibility of hazardous reactions	: Hazardous reactions will not occur.
Conditions to avoid	: None specified.
Incompatible materials	: Acids, alkalis and oxidizers.
Hazardous decomposition products	: Hazardous decomposition products are not to be produced.



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SECTION 11: Toxicological information

Information on toxicological effects

Toxicological information of the product:

Acute toxicity

Oral (LD₅₀) : > 2000 mg/kg (rat)

Dermal (LD₅₀) : No data available.

Inhalation (LC₅₀ (4hr)) : No data available.

Skin corrosion/irritation

Acute skin irritation : Non-irritant (rabbit)

Serious eye damage/irritation

Acute eye irritation : Minimal irritant (rabbit)

Respiratory or skin sensitisation

Skin sensitisation : Non-sensitiser (mouse)

Germ cell mutagenicity

: Ames Test is Negative.

Carcinogenicity : No data available.

(Carbon black)

The IARC reevaluated carbon black as a Group 2B carcinogen (possibly carcinogenic to humans) as the result of inhalation exposure test in rats. But, oral/skin test does not show carcinogenicity.

The evaluation of carbon black is based upon the development of lung tumors in rat receiving chronic inhalation exposures to free carbon black at level that induce particle overload of the lung. (*1)

Inhalation exposure cannot occur under normal intended use.

Other ingredients of this product are not chemical substances listed by NTP, IARC and OSHA as a carcinogen.

Reproductive toxicity : No data available.

STOT-single exposure : No data available.

STOT-repeated exposure : No data available.

Aspiration hazard : No data available.

Other information : No data available.



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SECTION 12: Ecological information

Ecotoxicity	: No data available.
Persistence and degradability	: No data available.
Bioaccumulative potential	: No data available.
Mobility in soil	: No data available.
Other adverse effects	: No additional information available.

SECTION 13: Disposal considerations

Waste treatment methods

: When disposing to the waste, any disposal practice should be done under conditions which meet local, state and federal laws and regulations relating to waste (contact local or state environmental agency for specific rules).

SECTION 14: Transport information

UN number	: None.(Not Dangerous Goods under IMDG, IATA.)
UN proper shipping name	: None.
Transport hazard class(es)	: None.
Packing group	: None.
Environmental hazards	: None.
Special precautions for user	: No additional information available.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	: Not applicable.

SECTION 15: Regulatory information

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

US regulations

All ingredients in this product comply with order under TSCA.

California Proposition 65

None.

Canada regulations

This product is not a WHMIS-controlled product, since we consider it as a Manufactured article.

EU regulations

Classification according to Regulation (EC) No 1272/2008 (CLP).

: This product is not classified as hazardous mixture.

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Hazard pictograms : Not required.

Signal word : Not required.

Hazard statements : Not required.

Supplemental label elements : Safety data sheet available on request. (EUH210)

Contains '1,2-benzisothiazol-3(2H)-one'. Contains "2-methyl-2H-isothiazol-3-one".

May produce an allergic reaction. (EUH208)



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SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

The contents and format of this SDS are in accordance with Model Code of Practice for Preparation of Safety Data Sheets for Hazardous Chemicals.

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Full text of H statements under sections 3.

H318 : Causes serious eye damage.

Abbreviations and acronyms

GHS : Globally Harmonized System of Classification and Labelling of Chemicals
 CAS : Chemical Abstracts Service
 WHS : Work Health and Safety (Australia)
 ACGIH : American Conference of Governmental Industrial Hygienists
 2016 TLVs and BEIs (Threshold Limit Values for Chemical Substances and
 Physical Agents and Biological Exposure Indices)
 OSHA : Occupational Safety and Health Administration (29 CFR Part 1910 Subpart Z)
 TWA : Time Weighted Average
 PEL : Permissible Exposure Limits
 UN : United Nations
 IARC : International Agency for Research on Cancer
 (IARC Monographs on the Evaluations of Carcinogenic Risks to Humans)
 NTP : National Toxicology Program (Report on Carcinogens) (US)
 Proposition 65 : California, Safe Drinking Water and Toxic Enforcement Act of 1986
 STOT : Specific target organ toxicity
 TSCA : Toxic Substances Control Act (US)
 WHMIS : Workplace Hazardous Materials Information System (Canada)
 REACH : Regulation (EC) No 1907/2006 concerning the Registration, Evaluation,
 Authorisation and Restriction of Chemicals
 CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of
 IMDG : International Maritime Dangerous Goods Code
 IATA : International Air Transport Association

(*1) IARC Monograph on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, Vol.93 (2010)