

MATERIAL SAFETY DATA SHEET

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1. Identification of the substance/preparation and the company/undertaking

Product name: STATICIDE® Wipes for KODAK IMAGELINK and KODAK DIGITAL SCIENCE Scanners

Product code: 8965519

Manufacturer: EASTMAN KODAK COMPANY, 343 State Street, Rochester, New York, 14650

Supplier: EASTMAN KODAK COMPANY, 343 State Street, Rochester, New York, 14650

For Emergency Health, Safety & Environmental Information, call (585) 722-5151 (USA)

For other information or to request an MSDS, call (800) 242-2424.

Synonyms: None

2. Hazards identification

CONTAINS: Isopropanol (67-63-0)

WARNING!

FLAMMABLE LIQUID AND VAPOR

CAUSES EYE IRRITATION

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING, CRACKING, OR IRRITATION

HMIS Hazard Ratings:

Health - 2, Flammability - 3, Reactivity (Stability) - 0

NFPA Hazard Ratings:

Health - 1, Flammability - 3, Reactivity (Stability) - 0

NOTE: HMIS and NFPA hazard indexes involve data review and interpretation that may vary among companies. They are intended only for rapid, general identification of the magnitude of the potential hazards. An asterisk (*), in the HMIS health field, designates potential chronic or target organ hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

3. Composition/information on ingredients

Weight %	Components (CAS-No.)
35 - 60	Water (7732-18-5)
30 - 40	Isopropanol (67-63-0)
< 1	Ethanol (64-17-5)

The data in this Material Safety Data Sheet refer only to the solvent absorbed into the pad.

4. First aid measures

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Inhalation: If symptomatic, move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

Eyes: Immediately flush with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Skin: Wash off with soap and water. Get medical attention if symptoms occur.

Ingestion: Drink 1 or 2 glasses of water. Seek medical advice. Never give anything by mouth to an unconscious person.

5. Fire-fighting measures

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide

Unusual Fire and Explosion Hazards: Flammable. Material contains a flammable solvent that may accumulate in the container headspace. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent buildup of vapours or gases to explosive concentrations.

6. Accidental release measures

Methods for cleaning up: Remove all sources of ignition. Absorb spill with inert material, then place in a chemical waste container.

7. Handling and storage

Personal precautions: Avoid contact with eyes and prolonged or repeated contact with skin. Use with adequate ventilation. Wash thoroughly after handling.

Prevention of Fire and Explosion: Keep away from open flames, hot surfaces and sources of ignition. Ensure adequate ventilation. Keep from contact with oxidizing materials. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.

Storage: Store in cool place. Keep containers tightly closed in a cool, well-ventilated place. Keep away from incompatible substances (see Incompatibility section.)

8. Exposure controls / personal protection

Occupational exposure controls

Chemical Name	Regulatory List	Value Type	Value
Isopropanol	ACGIH	Time Weighted Average (TWA):	400 ppm
	ACGIH	Short Term Exposure Limit (STEL):	500 ppm
	OSHA Z1	PEL:	400 ppm 980 mg/m3
Ethanol	ACGIH	Time Weighted Average (TWA):	1,000 ppm
	OSHA Z1	PEL:	1,000 ppm 1,900 mg/m3

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Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.

Respiratory protection: None should be needed.

Eye protection: Wear safety glasses with side shields (or goggles).

Skin and body protection: It is a good industrial hygiene practice to minimize skin contact. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Recommended Decontamination Facilities: Safety shower, eye wash, washing facilities.

9. Physical and Chemical Properties

Physical form: solid (Presaturated pad)

Colour: not available

Odour: pleasant

Specific gravity: 0.99

Vapour pressure: not available

Relative vapour density: 2.1

Volatile fraction by weight: < 5 %

Water solubility: completely miscible

pH: not applicable

Flash point: -6.7 - 23.0 °C (19.9 - 73.4 °F)

10. Stability and reactivity

Stability: Stable

Incompatibility: Strong oxidizing agents.

Hazardous decomposition products: None under normal conditions of use.

Hazardous Polymerization: Hazardous polymerisation does not occur.

11. Toxicological information

Effects of Exposure

Inhalation: Prolonged exposure to high vapour concentrations of isopropyl alcohol may cause irritation of the eyes, nose, and throat and narcosis.

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Eyes: Causes irritation. High vapour concentrations may cause irritation.

Skin: Prolonged or repeated contact may cause drying, cracking, or irritation.

Ingestion: Expected to be a low ingestion hazard.

Data for Isopropanol:

Acute Toxicity Data:

- Oral LD50 (rat): 5,800 mg/kg
- Inhalation LC50: 12,000 mg/l / 8 h
- Dermal LD50: 16,236 mg/kg
- Skin irritation: slight
- Skin irritation: slight (repeated skin application)
- Eye irritation: slight to moderate

12. Ecological information

The following properties are ESTIMATED from the components of the preparations.

Potential Toxicity:

Fish LC50: > 100 mg/l

Daphnid EC50: > 100 mg/l

Algal IC50: > 100 mg/l

Waste treatment organisms EC50: > 100 mg/l

Organics Readily Degradable: Moderate

COD (approximate): 921 g/g

BOD (approximate):

13. Disposal considerations

Discharge, treatment, or disposal may be subject to national, state, or local laws.

14. Transport information

Not regulated for all modes of transportation.

For transportation information regarding this product call the Kodak Worldwide Transportation Hazmat Hot Line: (585) 722-2400 between 8 a.m. and 5 p.m. (Eastern Standard Time), Monday through Friday. In Canada: General Shipping Information, call: (416) 766-8233.

15. Regulatory information

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U.S. California Prop. 65: none

Carcinogenicity Classification (components present at 0.1% or more):

International Agency for Research on Cancer (IARC): none

American Conference of Governmental Industrial Hygienists (ACGIH): none

U.S. National Toxicology Program (NTP): none

U.S. Occupational Safety and Health Administration (OSHA): none

Chemical(s) subject to the reporting requirements of U.S. Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: none

16. Other information

US/Canadian Label Statements:

CONTAINS: Isopropanol (67-63-0)

WARNING!

FLAMMABLE LIQUID AND VAPOR

CAUSES EYE IRRITATION

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING, CRACKING, OR IRRITATION

Store in cool place.

Avoid contact with eyes and prolonged or repeated contact with skin.

Keep away from open flames, hot surfaces and sources of ignition.

Keep container tightly closed.

Ensure adequate ventilation.

FIRST AID: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms persist.

Keep out of reach of children.

For additional information, see Material Safety Data Sheet (MSDS) for this material.

IN CASE OF FIRE: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

IN CASE OF SPILL: Remove all sources of ignition.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment. The information relating to the working solution is for guidance purposes only, and is based on correct mixing and use of the product according to instructions.

R-1, S-1, F-3, C-0