

MATERIAL SAFETY DATA SHEET

000005704/F/USA
Approval Date: 02/13/2003
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: KODAK MIN-R Screen Cleaner

Catalog Number(s): 845 4977 - 16 ounce(s)

Manufacturer/Supplier: EASTMAN KODAK COMPANY, Rochester, New York 14650

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

Synonym(s): CIN 10090254, PCD 6347

2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight % - Component - (CAS Registry No.)

| | |
|--------|---|
| 95-100 | Water (007732-18-5) |
| < 1 | Butanoic acid, 4-((3-(dimethylamino)propyl)amino)-4-oxo-, 2(or 3)-((gamma-omega-perfluoro-C6-20-alkyl)thio) derivatives (068187-25-7) |
| < 0.1 | Sodium hypochlorite (007681-52-9) |

3. HAZARDS IDENTIFICATION

LOW HAZARD FOR RECOMMENDED HANDLING

HMIS Hazard Ratings: Health - 0, Flammability - 0, Reactivity - 0, Personal Protection - A

NFPA Hazard Ratings: Health - 0, Flammability - 0, 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. The personal protection index is only intended for general guidance on personal protection equipment (PPE) that is suitable for the potential hazards of the material. PPE (e.g., respirators) may not be needed if engineering controls (e.g., local ventilation) are adequate. 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.

4. FIRST-AID MEASURES

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

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

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

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

5. FIRE FIGHTING MEASURES

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Extinguishing Media: Use appropriate agent for adjacent fire.

Special Fire-Fighting Procedures: None (noncombustible).

Hazardous Combustion Products: None (noncombustible)

Unusual Fire and Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Flush to sewer with large amounts of water. Otherwise, absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination.

7. HANDLING AND STORAGE

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

Prevention of Fire and Explosion: No special precautionary measures should be needed under anticipated conditions of use.

Storage: Keep container closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: Not established

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: It is a good industrial hygiene practice to minimize eye contact. Wear safety glasses with side shields (or goggles).

Skin 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: Eye bath, washing facilities, safety shower

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid

Color: Clear

Odor: Not available

Specific Gravity (water = 1): 1.00

Vapor Pressure at 20°C (68°F): 18 mbar (24 mm Hg)

Vapor Density (Air = 1): 0.6

Volatile Fraction by Weight: 95-100 %

Boiling Point: 100°C (212°F)

Solubility in Water: Complete

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pH: 7.2
Flash Point: None, noncombustible liquid

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: None with common materials and contaminants with which the material may reasonably come into contact.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Effects of Exposure:

Inhalation: Low hazard for recommended handling.

Eyes: No specific hazard known. May cause transient irritation.

Skin: Low hazard for recommended handling.

Ingestion: Expected to be a low ingestion hazard.

12. ECOLOGICAL INFORMATION

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

Potential Toxicity

| | |
|--------------------|---------------|
| Fish LC50 mg/l: | Not available |
| Daphnid EC50 mg/l: | Not available |
| Algal IC50 mg/l: | Not available |

| | |
|-------------------------------------|------------|
| Organics Readily Degradable (>70%): | No |
| Potential Bioaccumulation: | Log Pow <1 |

| | |
|-------------------------|---|
| COD (approximate g/l): | 0 |
| BOD5 (approximate g/l): | 0 |

| | |
|---|---------------|
| Potential Toxicity | |
| Waste treatment microorganisms EC50 (mg/l): | Not available |

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

For transportation information regarding this product call the Kodak Worldwide

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Transportation Hazmat Hot Line: (585) 722-2400 between 8 a.m. and 5 p.m.
(Eastern Standard Time), Monday through Friday.

15. REGULATORY INFORMATION

- Material(s) known to the State of California to cause cancer: None
- Material(s) known to the State of California to cause adverse reproductive effects: 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
- National Toxicology Program (NTP): None
- Occupational Safety and Health Administration (OSHA): None
- Chemical(s) subject to the reporting requirements of 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:

LOW HAZARD FOR RECOMMENDED HANDLING

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

FIRST AID: Treat symptomatically. Get medical attention if symptoms occur.

Keep out of reach of children.

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

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.

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