

## Material Safety Data Sheet

Revision Date: 04/22/2007  
00000020867/Version: 1.0  
Print Date: 03/27/2009  
Page: 1/6

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

**Product name:** KODAK X-SIGHT 761 Nanosphere, 50 uL

**Product code:** 1555465

**Supplier:** Carestream Health, Inc., 150 Verona Street, Rochester, New York, 14608

For Emergency Health Information call, (800) 424-9300

For other information contact 800-328-2910.

**Synonyms:** None.

**Product Use:** laboratory and research chemical  
For industrial use only.

### 2. Hazards identification

**EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING**

**NFPA Hazard Ratings:** Health - 1, Flammability - 0, Instability - 0

NOTE: NFPA 704 (2007) hazard indexes involves data review and interpretation that may vary among companies. It is intended only for rapid, general identification of the magnitude of the potential hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

### 3. Composition/information on ingredients

Weight %	Components (CAS-No.)
> 90	Water (7732-18-5)
< 5	Polymer (not applicable)
< 1	Phosphoric acid, disodium salt (7558-79-4)
< 1	Sodium chloride (7647-14-5)
< 1	Dye (not applicable)

### 4. First aid measures

**Inhalation:** If inhaled, move to fresh air. Get medical attention if symptoms occur.

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

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

**Ingestion:** Get medical attention if symptoms occur.

## Material Safety Data Sheet

Revision Date: 04/22/2007  
00000020867/Version: 1.0  
Print Date: 03/27/2009  
Page: 2/6

---

### 5. Fire-fighting measures

**Extinguishing Media:** Water spray, Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam.

**Special Fire-Fighting Procedures:** None (noncombustible)

**Hazardous Combustion Products:** Carbon oxides

**Unusual Fire and Explosion Hazards:** None.

### 6. Accidental release measures

**Methods for cleaning up:** Absorb spill with vermiculite or other inert material. Collect up and put in a suitable container. Damp cleaning methods should be used. Dry or wet electrostatic microfiber cleaning cloths may also be effective. Clean surface thoroughly to remove residual contamination.

### 7. Handling and storage

**Personal precautions:** Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Keep container closed. Wash thoroughly after handling.

**Prevention of Fire and Explosion:** The physical-chemical properties of this material have not been fully investigated. Use only with adequate ventilation. Keep from contact with oxidizing materials.

**Storage:** Keep container tightly closed.

### 8. Exposure controls / personal protection

**Occupational exposure controls:** Not established

**Ventilation:** Good general ventilation should be used. Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances.

**Respiratory protection:** If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. If respirators are used, a program should be instituted to assure compliance with applicable federal, state, commonwealth, provincial, or local laws and regulations.

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

**Skin and body protection:** For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Recommended Decontamination Facilities:** Safety shower, eye wash, washing facilities as appropriate to condition of use.

### 9. Physical and Chemical Properties

## Material Safety Data Sheet

Revision Date: 04/22/2007  
00000020867/Version: 1.0  
Print Date: 03/27/2009  
Page: 3/6

---

**Physical form:** liquid

**Particle size:** May be less than 100 nm.

**Colour:** No data available

**Odour:** No data available

**Specific gravity:** No data available

**Vapour pressure:** No data available

**Vapour density:** No data available

**Volatile fraction by weight:** > 90 %

**Boiling point/range:** No data available

**Water solubility:** No data available

**pH:** No data available

**Flash point:** > 93.3 °C (> 200.0 °F) (estimated)

### 10. Stability and reactivity

**Stability:** Stable under normal conditions.

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

**Hazardous decomposition products:** None under normal conditions of use.

**Hazardous Polymerization:** Hazardous polymerization does not occur.

### 11. Toxicological information

#### Effects of Exposure

**General advice:** The toxicological properties of this material have not been fully investigated and its handling and use may be hazardous.

**Inhalation:** Expected to be a low hazard for recommended handling.

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

**Skin:** Expected to be a low hazard for recommended handling.

**Ingestion:** Expected to be a low ingestion hazard.

## Material Safety Data Sheet

Revision Date: 04/22/2007  
00000020867/Version: 1.0  
Print Date: 03/27/2009  
Page: 4/6

### 12. Ecological information

This section has not been completed.

### 13. Disposal considerations

Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.

### 14. Transport information

Not regulated for all modes of transportation.

For more transportation information, go to: <http://ship.carestreamhealth.com>.

### 15. Regulatory information

#### Notification status

Regulatory List	Notification status	Other information	Not listed
EINECS	n (Negative listing)	-	Polymer; Dye
TSCA	n (Negative listing)	Not On TSCA Inventory	Polymer; Dye
AICS	n (Negative listing)	-	Polymer; Dye
DSL	n (Negative listing)	This product contains the following components that are not on the Canadian DSL nor NDSL lists.	Polymer; Dye
ENCS (JP)	n (Negative listing)	-	Polymer; Dye
KECI (KR)	n (Negative listing)	-	Polymer; Dye
PICCS (PH)	n (Negative listing)	-	Polymer; Dye
INV (CN)	n (Negative listing)	-	Polymer; Dye

A N (Negative listing) indicates one or more component is either not on the public Inventory or is subject to exemption requirements. If additional information is needed contact Kodak.

#### Other regulations

American Conference of Governmental Industrial Hygienists (ACGIH):	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
International Agency for Research on Cancer (IARC):	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
U.S. National Toxicology Program (NTP):	No component of this product present at

## Material Safety Data Sheet

Revision Date: 04/22/2007  
00000020867/Version: 1.0  
Print Date: 03/27/2009  
Page: 5/6

---

	levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
U.S. Occupational Safety and Health Administration (OSHA):	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
U.S. California Prop. 65:	none
US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323):	Water, Polymer, Phosphoric acid, disodium salt
US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000):	Phosphoric acid, disodium salt
US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5):	Water, Polymer, Phosphoric acid, disodium salt, Sodium chloride, Dye
US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required:	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR355, Appendix A):	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### 16. Other information

The data below reflects current legislative requirements whereas the product in your possession may carry a different version of the label depending on the date of manufacture.

#### US/Canadian Label Statements:

##### **EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING**

Avoid breathing mist or vapour.  
Avoid contact with eyes, skin, and clothing.  
Use only with adequate ventilation.  
Keep container closed.  
Wash thoroughly after handling.

**FIRST AID:** If inhaled, move to fresh air. Wash off with soap and water. Get medical attention if symptoms occur.

Keep out of reach of children.

Do not handle or use until safety precautions in Material Safety Data Sheet (MSDS) have been read and understood.

## Material Safety Data Sheet

Revision Date: 04/22/2007  
00000020867/Version: 1.0  
Print Date: 03/27/2009  
Page: 6/6

---

Since emptied containers retain product residue, follow label warnings even after container is emptied.

**IN CASE OF FIRE:** Use Water spray, Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam.

**IN CASE OF SPILL:** Absorb spill with vermiculite or other inert material. Collect up and put in a suitable container. Damp cleaning methods should be used. Dry or wet electrostatic microfiber cleaning cloths may also be effective. Clean surface thoroughly to remove residual contamination.

---

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-0, C-0