Material Safety Data Sheet

1 Product and Company Information:

Product name: **Iron Oxide Nanocrystals in Water with Streptavidin**
Catalog Number(s): (SHS-05) - (SHS-50)
Revision Date: June 14, 2007
Manufacturer/Supplier:
Ocean NanoTech LLC
2143 Worth Lane - Springdale, Arkansas 72764
Tel: 479 751 5500
Web Site: www.oceannanotech.com

2 Composition/Information on Ingredients:

CAS Name/Number: Iron Oxide/1317-61-9; Water/7732-18-5

3 Hazards identification

Emergency Overview: The health hazards of this product have not beenaution.

fully tested and should be used with c

Exposure to skin, eyes, and respiratory tract could cause irritation.

POTENTIAL HEALTH EFFECTS

Inhalation: Not available
Skin Contact: Not available
Ingestion: Not available
Eye Contact: Not available

4 First aid measures

Skin Contact: Wash the skin thoroughly with soap and water and seek medical advice.
Eye contact: If eye contact occurs, rinse eye thoroughly and seek medical advice
Inhalation: If inhaled, supply fresh air or respirator and seek medical advice.
Ingestion: If swallowed, seek medical attention immediately

5 Fire fighting measures

Extinguishing Media: N/A; Product is not flammable

6 Accidental release measures

Personal Precautions: Always use proper protective equipment.
Environmental Precautions: Do not allow material to reach drains or ground water.
Cleanup of small spills: Use appropriate material to absorb liquid.
Disposal: Collect and dispose of all waste in an appropriate container.

7 Handling and storage

Handling: Follow safe laboratory practices. The product should only be used by or closely supervised by an individual trained to handle potentially hazardous materials.

Storage: Store at 4-24 ^{o}C in a tightly sealed container. Store in same type of container (glass/plastic) as shipped. Do not freeze.

8 Exposure controls and personal protection

Engineering Controls: Use fume hood with proper ventilation.
Personal Protection: Gloves, lab coat, and goggles.

9 Physical and chemical properties:

Form: Liquid	Specific Gravity: Not disclosed	Boiling point: Water (100 C) 212 F
Color: Black	pH: Not disclosed	Freezing point: Water (0 C) 32 F
Odor: Not disclosed	Melting point: Not disclosed	Vapor Pressure: Not disclosed
Solubility in Water: Soluble		

10 Stability and reactivity

Stability: The product is stable
Conditions to avoid: Not determined
Thermal decomposition: Not determined
Materials to avoid: Not determined

11 Toxicological information

RTECS Number: Not disclosed
Toxicity: Not disclosed
Health Hazards: Refer to section 4
Carcinogenicity: No information is available

12 Ecological information:

No data available. See section 6

13 Disposal considerations

Dispose of in accordance with local, state, or national regulations.

14 Transport information

U.S. DOT Classification: Not a hazardous material for land or air transport.
Identification Number: Not applicable
Packing Group: Not applicable
Proper Shipping Name: Not applicable

15 Regulations

No data available for TSCA, EEC EINECS number, EEC risk statements, or other regulations.

16 Other information:

Disclaimer: For R&D only. Not intended for food, drug, household, agricultural or cosmetic use.
The above information is believed to be correct. Ocean NanoTech LLC shall not be held liable for any damage resulting from handling or contact with the above product.