

# MATERIAL SAFETY DATA SHEET



## Nexterion® Spot

Author:	SCHOTT Technical Glass Solutions GmbH, Germany
Document:	LS6-HBM-M
Version:	1.2
Seite:	1/6
Datum:	© April 2009

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## 1 General Information

### Manufacturer

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E-Mail: [coatedsubstrate@schott.com](mailto:coatedsubstrate@schott.com)  
[www.schott.com/nexterion](http://www.schott.com/nexterion)

### Distributor for US, Canada, Mexico

Microarray Solutions  
SCHOTT North America Inc.  
5530 Shepherdsville Road  
Louisville, KY 40228  
USA

Phone: +1-502-6957-4417  
Fax: +1-502-966-4976  
E-Mail: [coatedsubstrate@us.schott.com](mailto:coatedsubstrate@us.schott.com)  
[www.us.schott.com/nexterion](http://www.us.schott.com/nexterion)

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## 2 Composition / information on ingredients

CAS #	Component	Percent
7558-79-4	sodium phosphate dibasic	1- 5%
7757-82-6	Natrium sulfate	2-3%
proprietary	non-hazardous aqueous salt solution (salt content <5%)	92-97%

## 3 Hazards identification

Appearance: Product is an aqueous, clear, odor-less and non-flammable liquid. Prolonged or repeated contact with this product may cause slight irritation to the skin, eyes, gastrointestinal and respiratory system.

Potential Health Effects:

Eye: May cause eye irritation.

Skin: may cause skin irritation.

Ingestion: May cause irritation to gastrointestinal tract when swallowed.

Inhalation: Inhalation of vapors or mist of the product may cause irritation to the respiratory system.

Inhalation: Inhalation of vapors or mist of the product may cause irritation to the respiratory system.

## 4 First Aid Measurements

Eyes: Flush eyes with plenty of water for at least 15 minutes, get medical aid at once.

Skin: Immediately flush skin with plenty of water. Remove contaminated clothing. get medical aid.

If inhaled: remove to fresh air. If not breathing, give artificial respiration. Get medical aid.

If swallowed: wash mouth out with water provided person is conscious. Get medical attention.

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## 5 Fire-fighting measures

General information: Negligible fire and explosion hazard when exposed to heat or flame. Move container if possible, avoid breathing vapors or dust.  
Extinguishing Media: Use dry chemical, carbon dioxide, water spray or foam.

## 6 Accidental Release Measures

Absorb the liquid and scrub the area with detergent and water.  
Waste disposal method: Dispose in accordance with local, state and federal regulations.  
Hazard label information: Avoid contact with skin and eyes. Use with adequate ventilation.  
Wash thoroughly after handling.  
Use proper protective equipment as indicated in Section 8

## 7 Handling and Storage

Handling: wash thoroughly after handling: avoid breathing dust, vapor, mist, or gas.  
Storage: Store capped at room temperature. Protect from heat and incompatibles.

## 8 Exposure controls/personal protection

**Engineering Controls:** Mechanical exhaust required. Safety shower and eye bath required.  
Airborne exposure Limits: Sodium phosphate dibasic, EDTA, SDS and aqueous solution: not listed under ACGIH, NIOSH and OSHA.

### Personal Protective Equipment:

Eyes: Do not wear contact lenses when working with chemicals. An eye wash fountain should be available in the immediate work area. Wear splash-proof safety goggles.  
Skin: Wear appropriate protective gloves to prevent skin exposure.  
Clothing: Wear appropriate protective clothing to prevent skin exposure (lab coat).  
Respirators: Not required for normal use. Firefighting: any self-contained apparatus with full face-piece operated in pressure-demand mode.

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## 9 Physical and chemical properties

Form:	liquid
Color:	colorless
Odor:	none
Vapor pressure:	not determined
Boiling point:	not determined
Freezing point:	not determined
Density:	1 g/cm <sup>3</sup>
pH:	9
Vapor density:	not determined
Solubility (H <sub>2</sub> O):	not applicable
Molecular weight:	mixture

## 10 Chemical stability and reactivity

Chemical stability: stable under normal conditions.  
Conditions to avoid: none reported  
Incompatibilities with other materials: none reported  
Hazardous decomposition products: oxides of sulfur, sodium oxide, oxides of phosphorous.  
hazardous Polymerization: will not occur

## 11 Toxicological information

RTECS #: unlisted  
LD50/LC50: not available  
Carcinogenicity: not listed by ACGIH, IARC, NIOSH, NTP, OSHA  
Epidemiology: no data available  
Teratogenicity: no data available  
Reproductive effects: no data available  
Neurotoxicity: no data available  
Mutagenicity: no data available  
Other toxicological information: none

## 12 Ecological information

No information available.

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## 13 Disposal Considerations

General product information: No further information.

Component waste number: No EPA Waste Numbers applicable for components.

Disposal instructions: Waste must be discarded in accordance with all federal, state, provincial, and local regulations.

## 14 Transport information

US DOT: Not subject to transport regulations.

Canada TDG: Not subject to transport regulations.

Shipping name: Not regulated as a hazardous material.

## 15 Regulatory information

OSHA Status: The above product either does not contain any specifically hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health and safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status: None of the components in this product have a SNUR under TSCA.

Sara Title III:

Section 302 Extremely Hazardous Substances: No.

Section 311/312 Hazardous Categories: No

Section 313 Toxic Chemicals: No.

RCRA Status: No.

## 16 Other Information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.