

Material Safety Data Sheet

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Section 1: Chemical Product and Company Identification

Date Prepared: 12/07/2011
Catalog Code: **BP691, BP692, BP693**
Product: **SNARe™ DNA Separation Particles**
Supplier: Bangs Laboratories, Inc. / A Division of Polysciences, Inc.
9025 Technology Drive
Fishers, Indiana 46038

Section 2: Composition / Information on Ingredients

| Item# | Name | CAS# | % in Product |
|-------|--|-----------|--------------|
| 1 | Iron Oxide (Fe ₃ O ₄) | 001317619 | 2.0 |
| 2 | Water | 007732185 | 98.0 |

Section 3: Hazard Identification

Low hazard for usual industrial or commercial handling.

Hazard Ratings: These ratings are Bangs Laboratories, Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49). If no data is listed, the information is not available.

| | | |
|--------|--------------|------------|
| Health | Flammability | Reactivity |
| 0 | 0 | 0 |

Section 4: First Aid Measures

Contact medical personnel. Flush eyes with flowing water for at least 15 minutes. If swallowed, wash out mouth with water if person is conscious. Separate eyelids with finger tips. Wash skin with deluge of water for at least 15 minutes.

SECTION 5: Fire Fighting Measures

| | |
|-----------------------------------|---------|
| Flash Point, deg. F: | no data |
| Method: | no data |
| UEL: | no data |
| LEL: | no data |
| Autoignition Temperature, deg. F: | no data |
| Flammability: | no data |
| Flame Propagation: | no data |
| Hazardous Combustion Products: | no data |

Section 6: Accidental Release Measures

Any information given below is considered to be in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition source from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

No special measures are indicated.

Section 7: Handling and Storage

Keep from freezing. Store at 2-8°C.

Section 8: Exposure Controls and Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of



gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

No special protection is indicated.

Section 9: Physical and Chemical Properties

Formula: mixture
Vapor Pressure: no data
Formula Weight: nap
Vapor Density: no data
Boiling Point: 212°F
Specific Gravity: 1
Melting Point: 32°F
pH: 7
Solubility: dispersible
Appearance: brown opaque liquid

Section 10: Stability and Reactivity

Chemical Stability: stable
Conditions to Avoid: none
Incompatibility with Other Materials: none
Hazardous Decomposition Products: none
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
Subchronic Data: no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number, the substance may be subject to special federal and state disposal regulations. If no codes are listed, the material must be disposed of in compliance with all Federal, State, and Local Regulations.

| <u>CAS#</u> | <u>Waste Code</u> | <u>Regulated Name</u> |
|-------------|-------------------|-----------------------|
| 001317619 | not listed | not listed |
| 007732185 | not listed | not listed |

Section 14: Transport Information

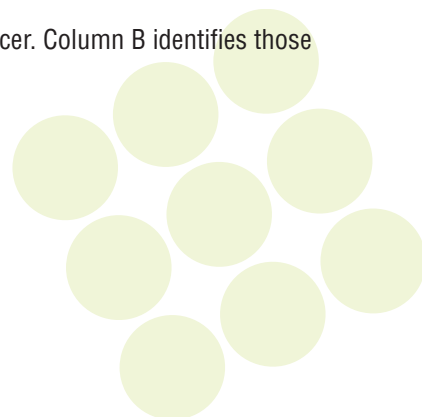
Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65: Column A identifies those items which are known to the State of California to cause cancer. Column B identifies those which are known to the State of California to cause reproductive toxicity.

| <u>CAS#</u> | <u>Column A</u> | <u>Column B</u> |
|-------------|-----------------|-----------------|
| 001317619 | no | no |
| 007732185 | no | no |



Section 16: Other Information

BANGS LABORATORIES, INC. provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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END OF MSDS

