



Not classified  
as Hazardous

MSDS Ref:  
TR

**Triton Systems**  
Units 3-5 Crayford Commercial Centre, Greyhound Way  
Crayford, Kent DA1 4HF  
Tel: 01322 318830 Fax: 01322 524017  
[www.tritonsystems.co.uk](http://www.tritonsystems.co.uk) [info@tritonsystems.co.uk](mailto:info@tritonsystems.co.uk)

Publication date  
02/07/2001

Revision date  
07/09/2011

## 1. PRODUCT NAME:

# TRITON SBR

## 2. HAZARD IDENTIFICATION

This product is not hazardous according to EEC criteria.

## 3. COMPOSITION

Styrene/butadiene polymer dispersion in water

## 4. FIRST AID

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

SWALLOWING: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

CONTACT WITH EYES: Irrigate immediately with water for at least 5 minutes.

INHALATION: No adverse effects anticipated by this route of exposure.

SKIN: Wash off in flowing water or shower.

## 5. FIRE-FIGHTING MEASURES

This product is an aqueous dispersion, unless dried it will not burn.

EXTINGUISHING MEDIA: Water fog, Carbon Dioxide, Foam, Dry Chemicals.

HAZARDOUS COMBUSTION PRODUCTS: Upon burning, the dry product generates dense black smoke.

PROTECTION OF FIREFIGHTERS: Wear positive-pressure self-contained breathing apparatus and protective fire-fighting clothing, (includes fire-fighting helmet, coat, pants, boots and gloves).

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear adequate personal protective equipment. See Section 8, Exposure Controls/Personal Protection.

ENVIRONMENTAL PRECAUTIONS: Prevent contamination of surface and groundwater.

METHODS OF CLEANING UP: Small spills may be flushed away with large quantities of water. Large spills should be contained and recovered if possible; if not possible divert spill to pond and allow to dry.



## 7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Good general ventilation should be sufficient for most conditions.

STORAGE INFORMATION: This product must be protected from freezing and exposure to temperatures exceeding 40 deg C. Store at room temperature. Product may develop bacterial odours upon long-term storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES: None established.

ENGINEERING CONTROL: Good general ventilation should be sufficient for most conditions.

PERSONAL PROTECTIVE EQUIPMENT  
RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed however, in misty atmospheres, use an approved mist respirator.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed. Use impervious gloves when prolonged or frequently repeated contact could occur.

EYE/FACE PROTECTION: Use safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Emulsion
Colour	Milky White
Odour	Practically Odourless
Solid Content	45% (approx)
pH	10.5
Rel. density (water=1)	0.98 – 1.04

Freezing point/range	0 deg. C (water)
Boiling point/range	100 deg C (water)
Water Solubility	Miscible in all proportions
Flash point	Not applicable
Flammability	Not applicable
Auto-ignition temp	Not applicable

## 10. STABILITY / REACTIVITY

CHEMICAL STABILITY: Stable under normal handling and storage conditions.

CONDITIONS TO AVOID: May coagulate if frozen (0.deg.C) The dry resin is combustible.

MATERIALS TO AVOID: Addition of chemicals, such as acids or multivalent metal salts, may cause coagulation.

## 11. TOXICOLOGICAL INFORMATION

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is >2000 mg/kg. No hazards anticipated from swallowing small amounts incidental to normal industrial handling.

SKIN CONTACT: The LD50 for skin absorption in rats is >2000 mg/kg. Short single exposure is not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation. Skin absorption is unlikely due to physical properties.

INHALATION: No adverse effects are anticipated from inhalation .

EYE CONTACT: May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.



## 12. ECOLOGICAL INFORMATION

DEGRADATION:	Biodegradation reached in the Closed Bottle Test (OECD Test No. 301 D) after 28 days: <10 % Latex dispersions will colour waters to a milky white.
AQUATIC TOXICITY:	Acute LC50 for rainbow trout ( <i>Onchorynchus mykiss</i> ) is >100 mg/L. Acute EC50 for water flea ( <i>Daphnia magna</i> ) is 10-100 mg/L.

## 13. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations.

## 14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

## 15. REGULATORY INFORMATION

### EEC Classification and User Label Information

This product does not require classification according to the criteria of the Commission of the European Communities.

## 16. OTHER INFORMATION

No other information

### NOTICE TO CUSTOMER:-

**ENSURE ALL POTENTIAL USERS OF THIS PRODUCT ARE AWARE OF THIS SDS PRIOR TO USING THE PRODUCT.**

**KEEP SDS IN A SAFE PLACE READILY LOCATABLE IN CASE OF FUTURE REQUIREMENT.**

**READ THIS SDS IN CONJUNCTION WITH THE LABEL AND DIRECTIONS FOR USE ON THE PRODUCT CONTAINER.**

**DESTROY ALL OBSOLETE COPIES RELATING TO THIS PRODUCT**

**THIS SDS RELATES ONLY TO THE PRODUCT SPECIFIED.**

**COPIES OF THIS DOCUMENT ARE AVAILABLE ON REQUEST.**

**THIS SAFETY DATA SHEET IS BASED ON THE BEST OF CURRENT INFORMATION AND ADVICE AVAILABLE TO US AND IS BELIEVED TO BE TRUE AND ACCURATE. NO LIABILITY CAN BE ACCEPTED FOR LOSS, DAMAGE OR INJURY AS CONDITIONS OF USE ARE OUTSIDE OUR CONTROL. THIS IS NOT A TECHNICAL SPECIFICATION.**

*Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.*