

### SECTION 1: IDENTIFICATION

**Product identifier**

<b>Product Name</b>	<b>SSS Bright Force Neutral Detergent</b>
<b>Product code(s)</b>	25112 SSS-210-10
<b>Recommended Use</b>	Laundry detergent
<b>Uses advised against</b>	Restrictions on use: Do not use in any fashion not specified on the product label.

**Manufactured for:**

Triple S  
98 Spit Brook Road, Suite #104  
Nashua NH 03062  
United States

Telephone: 800-323-2251  
Website: www.triple-s.com

<b>Emergency telephone number</b>	888-779-1339
<b>National poison center</b>	800-222-1222

### SECTION 2: HAZARD(S) IDENTIFICATION

**Classification acc. to GHS**

Skin corrosion/irritation.	H315.
Serious eye damage/eye irritation.	H319.
Skin sensitization.	H317.

**Label elements**

**Signal word**                      Warning

**Pictograms**



**Hazard statements**

- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation.

**Precautionary statements**

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Wear protective gloves.
- Specific treatment (see on this label).
- If skin irritation or rash occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling                      Methylisothiazolinone

**Other hazards**

Hazards not otherwise classified

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance in a concentration of  $\geq 0,1\%$ .

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of  $\geq 0,1\%$ .

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Name of substance	Identifier	Wt%
Alkylbenzene Sulfonic Acid	CAS No 68584-22-5	5 - < 10
Sodium Hydroxide	CAS No 1310-73-2	< 1
Sulfuric Acid	CAS No 7664-93-9	< 1
Methylisothiazolinone	CAS No 2682-20-4	< 1

For full text of abbreviations: see SECTION 16.

**SECTION 4: FIRST-AID MEASURES****Following inhalation**

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

**Following skin contact**

Wash with plenty of soap and water.

**Following eye contact**

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

**Following ingestion**

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

**Indication of any immediate medical attention and special treatment needed**

none

**SECTION 5: FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Water jet

**Special hazards arising from the substance or mixture****Hazardous combustion products**

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### Conditions for safe storage, including any incompatibilities

Protect against external exposure, such as

frost

See section 16 for a general overview.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**- Other protection measures**

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Liquid
<b>Color</b>	Blue
<b>Odor</b>	Tropical sunrise
<b>pH (value)</b>	8 – 10.5
<b>Melting point/freezing point</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not relevant (fluid)
<b>Density</b>	Not determined
<b>Relative density</b>	1.01 – 1.03 at 20 °C (water = 1)

**SECTION 10: STABILITY AND REACTIVITY****Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

**Chemical stability**

See below "Conditions to avoid".

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

There are no specific conditions known which have to be avoided.

**Incompatible materials**

Oxidizers

**Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**SECTION 11: TOXICOLOGICAL INFORMATION****Information on toxicological effects**

Test data are not available for the complete mixture.

**Classification procedure**

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)****Acute toxicity**

Shall not be classified as acutely toxic.

Acute toxicity estimate (ATE) of components of the mixture			
Name of substance	CAS No	Exposure route	ATE
Alkylbenzene Sulfonic Acid	68584-22-5	inhalation: vapor	11 mg <sub>l</sub> /4h
Alkylbenzene Sulfonic Acid	68584-22-5	inhalation: dust/mist	>1.9 mg <sub>l</sub> /4h
Sulfuric Acid	7664-93-9	inhalation: vapor	3 mg <sub>l</sub> /4h
Sulfuric Acid	7664-93-9	inhalation: dust/mist	0.85 mg <sub>l</sub> /4h
Methylisothiazolinone	2682-20-4	oral	100 mg/kg
Methylisothiazolinone	2682-20-4	dermal	300 mg/kg
Methylisothiazolinone	2682-20-4	inhalation: vapor	0.5 mg <sub>l</sub> /4h

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization**

May cause an allergic skin reaction.

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic.

**Carcinogenicity**

Shall not be classified as carcinogenic.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans			
Name of substance	CAS No	Classification	Number
Sulfuric Acid	7664-93-9	1	

Legend

1 Carcinogenic to humans

National Toxicology Program (United States): Report on Carcinogens			
Name of substance	CAS No	Classification	Number
Sulfuric Acid	7664-93-9	Known to be a human carcinogen	9th Report on Carcinogens

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

**SECTION 12: ECOLOGICAL INFORMATION****Toxicity**

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Alkylbenzene Sulfonic Acid	68584-22-5	LL50	>10,000 mg/l	fish	96 h
Alkylbenzene Sulfonic Acid	68584-22-5	EC50	>1,000 mg/l	aquatic invertebrates	48 h
Alkylbenzene Sulfonic Acid	68584-22-5	ErC50	>1,000 mg/l	algae	72 h
Sodium Hydroxide	1310-73-2	EC50	40.4 mg/l	aquatic invertebrates	48 h
Sulfuric Acid	7664-93-9	EC50	>100 mg/l	aquatic invertebrates	48 h
Sulfuric Acid	7664-93-9	ErC50	>100 mg/l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture					
Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Alkylbenzene Sulfonic Acid	68584-22-5	EC50	≤5,000 mg/l	microorganisms	8 h

**Persistence and degradability**

Data are not available.

**Bioaccumulative potential**

Data are not available.

**Mobility in soil**

Data are not available.

**Results of PBT and vPvB assessment**

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0,1%.

**Endocrine disrupting properties**

Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.

**Other adverse effects**

Data are not available.

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste treatment methods****Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packages**

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

**SECTION 14: TRANSPORT INFORMATION****UN number**

not subject to transport regulations

<b>UN proper shipping name</b>	not relevant
<b>Transport hazard class(es)</b>	none
<b>Packing group</b>	not assigned
<b>Environmental hazards</b>	non-environmentally hazardous acc. to the dangerous goods regulations

Not subject to transport regulations.

Not subject to IMDG.

Not subject to ICAO-IATA.

**SECTION 15: REGULATORY INFORMATION****National regulations (United States)****Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

The List of Extremely Hazardous Substances and Their Threshold Planning Quantities

Name of substance	CAS No	Notes	Reportable quantity (pounds)	Threshold planning quantity (pounds)
Sulfuric Acid	7664-93-9		1,000	1000

- Specific Toxic Chemical Listings (EPCRA Section 313)

Toxics Release Inventory: Specific Toxic Chemical Listings

Name of substance	CAS No	Remarks	Effective date
Sulfuric Acid	7664-93-9	acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size	1987-01-01

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
Sulfuric Acid	7664-93-9		1	1000 (454)
Sodium Hydroxide	1310-73-2		1	1000 (454)

Legend

1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

**Clean Air Act**

none of the ingredients are listed

**Right to Know Hazardous Substance List**

- Cleaning Product Right to Know Act Substance List (CA-RTK)

Name of substance	CAS No	Functionality	Authoritative Lists
Sodium Hydroxide	1310-73-2		OEHHA RELs
Sulfuric Acid	7664-93-9		IARC Carcinogens - 1 NTP 13th RoC - known OEHHA RELs Prop 65

- Toxic or Hazardous Substance List (MA-TURA)

Name of substance	CAS No	DEP CODE	PBT / HHS / LHS	PBT / HHS Threshold	De Minimis Concentration Threshold
Sulfuric Acid	7664-93-9				1.0 %
Sodium Hydroxide	1310-73-2				1.0 %

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Sulfuric Acid	7664-93-9		CA CO R2
Sodium Hydroxide	1310-73-2		CO R1

Legend

CA Carcinogenic  
CO Corrosive  
R1 Reactive - First Degree  
R2 Reactive - Second Degree

- Hazardous Substance List (Chapter 323) (PA-RTK)

Name acc. to inventory	CAS No	Classification
SULFURIC ACID	7664-93-9	E
SODIUM HYDROXIDE (NA(OH))	1310-73-2	E

Legend

E Environmental hazard



## - Hazardous Substance List (RI-RTK)

Name of substance	CAS No	References
Sulfuric Acid	7664-93-9	T, F
Sodium Hydroxide	1310-73-2	T, F

## Legend

F Flammability (NFPA®)  
T Toxicity (ACGIH®)

### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

### NPCA-HMIS® III

Category	Rating	Description
Chronic	*	chronic (long-term) health effects may result from repeated overexposure
Health	2	temporary or minor injury may occur
Flammability	1	material that must be preheated before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protection	-	

### NFPA® 704

Category	Degree of hazard	Description
Flammability	1	material that must be preheated before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special hazard		

### National inventories

Country	Inventory	Status
EU	REACH Reg.	not all ingredients are listed
US	TSCA	not all ingredients are listed

## Legend

REACH Reg. REACH registered substances  
TSCA Toxic Substance Control Act

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in section 2 and 3)**

Code	Text
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. .