

## SECTION 1. Product and company identification

Chemical type : Mixture  
 Trade name : BOOST  
 Product code : 082  
 Use of the substance/mixture : Detergent  
 Company identification : Cole & Wilson, LLC  
 100 Laurel Street, Ste 120  
 East Bridgewater, MA 02333, USA - USA  
 T +1 281 231 2805 - F +1 617 687 5888  
[www.coleandwilson.com](http://www.coleandwilson.com)  
 Emergency number : Chemtrec: 1-800-424-9300

## SECTION: 2. Hazards identification

### 2.1. Emergency Overview

Physical state : Solid  
 Colour : White + blue points  
 Odour : perfumed

### 2.2. OSHA Regulatory Status

No additional information available

### 2.3. Potential health effects

Acute effects inhalation : No important effect or critical danger known.  
 Acute effects skin : Causes skin irritation.  
 Acute effects eyes : Causes serious eye damage.  
 Acute effects oral route : No important effect or critical danger known.

### 2.4. Potential environmental effects

No additional information available

## SECTION: 3. Composition/information on ingredients

Name	CAS-no	%
Sodium chloride	7647-14-5	15 - 30
Sodium carbonate	497-19-8	15 - 30
Sodium disilicate	1344-09-8	15 - 30
Sodium percarbonate	15630-89-4	10 - 15
Sodium sulphate	7757-82-6	5 - 10
Ethoxylated Alcohol	157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9	3 - 5
Ethoxylated Alcohol	157627-86-6/160901-19-9	< 3
Sodium disilicate	1344-09-8	< 3

## SECTION: 4. First aid measures

### 4.1. First aid procedures

General advice : In all cases of doubt, or when symptoms persist, seek medical attention.  
 Inhalation : Take victim to fresh air, in a quiet place and if necessary take medical advice.  
 Skin contact : Take off immediately all contaminated clothing. Wash immediately with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.  
 Eye contact : Rinse immediately with plenty of water. Consult an eye specialist.  
 Ingestion : Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

### 4.2. Note to physicians

No additional information available

## SECTION: 5. Firefighting measures

### 5.1. Flammable properties

No additional information available

### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

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### 5.3. Protection for firefighters

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

## SECTION: 6. Accidental release measures

### 6.1. Personal precautions

#### 6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.  
Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Stop leak without risks if possible.

### 6.3. Methods for containment

No additional information available

### 6.4. Methods for clean up

Methods for cleaning up : Clean up immediately by sweeping or vacuum.

### 6.5. Other information

No additional information available

### 6.6. Spill or leak statements by type of chemical

No additional information available

## SECTION: 7. Handling and storage

### 7.1. Handling

Precautions for safe handling : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Do not use compressed air to fill, handle or work up.  
Hygiene measures : Do not eat, drink or smoke when using this product.

### 7.2. Storage

Storage conditions : Store tightly closed in a dry and cool place. Store in a well-ventilated place.  
Material(s) to avoid : Strong acids.

## SECTION: 8. Exposure controls/personal protection

### 8.1. Exposure guidelines

No additional information available

### 8.2. Engineering controls

No additional information available

### 8.3. Personal protective equipment (PPE)

Hand protection : Chemical resistant PVC gloves (to European standard EN 374 or equivalent).  
Eye protection : Wear security glasses which protect from splashes. Safety glasses with side-shields (EN 166).  
Protective equipment : Wear suitable protective clothing (EN 14605).  
Respiratory protection : Provide adequate ventilation.

## SECTION: 9. Physical and chemical properties

Physical state : Solid  
Colour : White + blue points.  
Odour : perfumed.  
Odour threshold : No data available  
pH : 10,6 ± 0,5 (1%)  
Melting point/range : No data available  
Freezing point : No data available  
Boiling point/Boiling range : No data available  
Flash point : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Flammability (solid, gas) : No data available  
Explosive limits : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available

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Relative density	: No data available
Density	: 840 ± 100 g/l
Solubility	: No data available
Log Pow	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

No additional information available

### SECTION: 10. Stability and reactivity

#### 10.1. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.2. Conditions to avoid

humid air.

#### 10.3. Incompatible materials

Never mix with other materials.

#### 10.4. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### 10.5. Possibility of hazardous reactions

No additional information available

### SECTION: 11. Toxicological information

#### Information on toxicological effects

Acute toxicity : Not classified

<b>Sodium sulphate (7757-82-6)</b>	
LD50 oral rat	10000 mg/kg
LC50 inhalation rat (mg/l)	> 2.4 mg/l/4h
ATE CLP (oral)	10000 mg/kg bodyweight
<b>Sodium percarbonate (15630-89-4)</b>	
LD50 oral rat	1034 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE CLP (oral)	1034 mg/kg bodyweight
<b>Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)</b>	
LD50 oral rat	300 - 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE CLP (oral)	300 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation. pH: 10,6 ± 0,5 (1%)
Serious eye damage/irritation	: Causes serious eye damage. pH: 10,6 ± 0,5 (1%)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION: 12. Ecological information

#### 12.1. Ecotoxicity

<b>Ethoxylated Alcohol (157627-86-6/160901-19-9)</b>	
LC50 fish 1	1 - 10 mg/l
EC50 Daphnia 1	0.1 - 1 mg/l
ErC50 (algae)	0.1 - 1 mg/l

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<b>Sodium sulphate (7757-82-6)</b>	
LC50 fish 1	81 - 1100 mg/l
EC50 Daphnia 1	4580 mg/l
<b>Sodium percarbonate (15630-89-4)</b>	
EC50 Daphnia 1	4.9 mg/l
NOEC (acute)	2 mg/l
<b>Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)</b>	
LC50 fish 1	1 - 10 mg/l
EC50 Daphnia 1	1 - 10 mg/l
ErC50 (other aquatic plants)	1 - 10 mg/l

### 12.2. Persistence and degradability

<b>BOOST()</b>	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulation/Accumulation

<b>Ethoxylated Alcohol (157627-86-6/160901-19-9)</b>	
Bioaccumulative potential	No bioaccumulation.

### 12.4. Mobility in environmental media

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION: 13. Disposal considerations

### 13.1. Waste treatment methods

Waste / unused products : Collect all waste in suitable and labelled containers and dispose according to local legislation.

## SECTION: 14. Transport information

### 14.1. Basic shipping description

No additional information available

### 14.2 Additional information

Other information : No supplementary information available.

### Overland transport

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION: 15. Regulatory information

### 15.1. US Federal regulations

<b>Sodium carbonate (497-19-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Ethoxylated Alcohol (157627-86-6/160901-19-9)</b>	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Sodium chloride (7647-14-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Sodium sulphate (7757-82-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Sodium disilicate (1344-09-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Sodium percarbonate (15630-89-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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### Sodium disilicate (1344-09-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

## 15.2. International regulations

### CANADA

#### Sodium carbonate (497-19-8)

Listed on the Canadian DSL (Domestic Substances List)

#### Ethoxylated Alcohol (157627-86-6/160901-19-9)

#### Sodium chloride (7647-14-5)

Listed on the Canadian DSL (Domestic Substances List)

#### Sodium sulphate (7757-82-6)

Listed on the Canadian DSL (Domestic Substances List)

#### Sodium disilicate (1344-09-8)

Listed on the Canadian DSL (Domestic Substances List)

#### Sodium percarbonate (15630-89-4)

Listed on the Canadian DSL (Domestic Substances List)

#### Sodium disilicate (1344-09-8)

Listed on the Canadian DSL (Domestic Substances List)

#### Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)

### EU-Regulations

#### Ethoxylated Alcohol (157627-86-6/160901-19-9)

#### Sodium chloride (7647-14-5)

#### Sodium sulphate (7757-82-6)

#### Sodium disilicate (1344-09-8)

#### Sodium percarbonate (15630-89-4)

#### Sodium disilicate (1344-09-8)

#### Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315

Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

### 15.2.2. National regulations

#### Ethoxylated Alcohol (157627-86-6/160901-19-9)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

#### Sodium chloride (7647-14-5)

#### Sodium sulphate (7757-82-6)

#### Sodium disilicate (1344-09-8)

#### Sodium percarbonate (15630-89-4)

#### Sodium disilicate (1344-09-8)

#### Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

## 15.3. US State regulations

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U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No

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<b>Sodium carbonate (497-19-8)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Ethoxylated Alcohol (157627-86-6/160901-19-9)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Sodium chloride (7647-14-5)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Sodium sulphate (7757-82-6)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Sodium disilicate (1344-09-8)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Sodium percarbonate (15630-89-4)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Sodium disilicate (1344-09-8)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Ethoxylated Alcohol (157627-86-6/68439-50-9/68131-39-5/68213-23-0/68551-12-2/160901-19-9)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
<b>Sodium sulphate (7757-82-6)</b>				
<b>State or local regulations</b>				
U.S. - Pennsylvania - RTK (Right to Know) List				
<b>Sodium percarbonate (15630-89-4)</b>				
<b>State or local regulations</b>				
U.S. - New York City - Right to Know Hazardous Substances List				

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### SECTION: 16. Other information

Abbreviations and acronyms	: ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road ATE - Acute Toxicity Estimate CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 DMEL - Derived Minimal Effect level DNEL - Derived-No Effect Level EC50 - Median effective concentration ErC50 (algae) - ErC50 (algae) IATA - International Air Transport Association IMDG - International Maritime Dangerous Goods LC50 - Median lethal concentration LD50 - Median lethal dose LOAEL - Lowest Observed Adverse Effect Level NOAEC - No-Observed Adverse Effect Concentration NOAEL - No-Observed Adverse Effect Level NOEC - No-Observed Effect Concentration OECD - Organisation for Economic Co-operation and Development PBT - Persistent Bioaccumulative Toxic PNEC - Predicted No-Effect Concentration REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 SDS - Safety Data Sheet STP - Sewage treatment plant vPvB - Very Persistent and Very Bioaccumulative
Other information	: It is recommended to pass the information of this safety data sheet in an appropriate form to the users. Such information is actually the best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other products. This safety data sheet is in compliance with 1907/2006/EEC. It is user's liabilities to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

#### Hazard Rating

No additional information available

SDS US ANSI