

# Safety Data Sheet

## ALL FABRIC BLEACH

SDS Revision Date:

03/02/2015



### 1. Identification

#### 1.1. Product identifier

**Product Identity** ALL FABRIC BLEACH

**Alternate Names** Color Safe Bleach

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Technical Data Sheet.

**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** EMULSO CORPORATION  
2750 Kenmore Ave.  
Tonawanda, NY 14150. USA

#### Emergency

**24 hour Emergency Telephone No.** 716-854-2889 (7:30 AM - 4 PM M-F),  
716-228-4623 (7:30 AM - 4 PM M-F)  
INFOTRAC - (800) 535-5053 - 24 HRS EVERYDAY

**Customer Service: EMULSO CORPORATION** (716) 854-2889 - 7:30 AM - 4 PM EST M-F

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Ox. Sol. 2;H272 May intensify fire; oxidizer.  
Acute Tox. 5;H303 May be harmful if swallowed. (Not adopted by US OSHA)  
Eye Irrit. 2;H319 Causes serious eye irritation.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

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H272 May intensify fire; oxidizer.  
H303 May be harmful if swallowed.  
H319 Causes serious eye irritation.

### [Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
P220 Keep / Store away from clothing combustible materials.  
P221 Take any precaution to avoid mixing with combustibles.  
P264 Wash thoroughly after handling.  
P280 Wear protective gloves / eye protection / face protection.

### [Response]:

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P312 Call a POISON CENTER or doctor / physician if you feel unwell.  
P337+313 If eye irritation persists: Get medical advice / attention.  
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

### [Storage]:

No GHS storage statements

### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium percarbonate CAS Number: 0015630-89-4	20 - 40	Acute Tox. 4;H302 Eye Dam. 1;H318 Ox. Sol. 2;H272	[1]
Sodium carbonate CAS Number: 0000497-19-8	30 - 60	Eye Irrit. 2;H319	[1]
Sulfuric acid disodium salt CAS Number: 0007757-82-6	10 - 25	Not Classified	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

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**4. First aid measures**

**4.1. Description of first aid measures**

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention
<b>Eyes</b>	Object is to flush material out immediately, then seek medical attention! Flush eye with large amounts of water, holding eye lids apart to insure flushing of the entire eye surface
<b>Skin</b>	Immediately wash skin with soap and plenty of water. A soothing ointment can be applied to irritated skin. If irritation persists seek medical attention
<b>Ingestion</b>	DO NOT INDUCE VOMITING! Give large quantities of water. (If available, give several glasses of milk.) NEVER give anything by mouth to an unconscious person

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Overview</b>	<b>OVER EXPOSURE EFFECTS:</b> May cause eye irritation May cause allergic skin reaction Inhalation may cause irritation to the respiratory tract May cause skin irritation See section 2 for further details.
<b>Eyes</b>	Causes serious eye irritation.
<b>Ingestion</b>	May be harmful if swallowed. (Not adopted by US OSHA)

**5. Fire-fighting measures**

**5.1. Extinguishing media**

DRY CHEMICAL; CARBON DIOXIDE; FOAM; BC/ABC EXTINGUISHER MAY BE USED IN AREA WHERE MATERIAL IS STORED

**5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition: Liberates oxygen when warm and wet. Hazardous polymerization will not occur.  
Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
Keep / Store away from clothing combustible materials.

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Take any precaution to avoid mixing with combustibles.

**5.3. Advice for fire-fighters**

Ingredient may decompose thermally to liberate oxygen and may be self-accelerating under adverse conditions. Liquids may cause fire. Combustion can cause release of toxic, corrosive gases

Use self-contained breathing apparatus and goggles

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**6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

**6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**6.3. Methods and material for containment and cleaning up**

**FOR SPILL:** Contain spill and shovel or vacuum up. Flush area with water

**WASTE DISPOSAL METHOD:** dispose of waste chemicals according to local, state and federal regulations

**7. Handling and storage**

**7.1. Precautions for safe handling**

See section 2 for further details. - [Prevention]:

**7.2. Conditions for safe storage, including any incompatibilities**

**STORAGE:** KEEP IN A COOL, DRY AREA. KEEP CONTAINER TIGHTLY CLOSED. KEEP CONTAINER DRY. KEEP CONTAINER IN A WELLVENTILATED AREA. KEEP AWAY FROM HEAT. KEEP CONTAINER CLOSED WHEN NOT IN USE

Incompatible materials: INCOMPATIBLE WITH ACIDS, ALUMINUM, PHOSPHOROUS PENTOXIDE, FLUORINE, LITHIUM, AND 2,4,6- TRINITROTOLUENE.

See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

No data available.

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## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000497-19-8	Sodium carbonate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0007757-82-6	Sulfuric acid disodium salt	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0015630-89-4	Sodium percarbonate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m<sup>3</sup> (50 mppcf\*) TWA, ACGIH 10 mg/m<sup>3</sup>.

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000497-19-8	Sodium carbonate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007757-82-6	Sulfuric acid disodium salt	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0015630-89-4	Sodium percarbonate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Exposure controls

#### Respiratory

USE A NIOSH/MSHA APPROVED DUST RESPIRATOR (#TC-21C-132) IF DUSTY CONDITIONS EXIST

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<b>Eyes</b>	Safety glasses or chemical goggles should be worn.
<b>Skin</b>	PROTECTIVE GLOVES (VINYL OR RUBBER) RECOMMENDED FOR PROLONGED OR REPEATED CONTACT.
<b>Engineering Controls</b>	USE WITH ADEQUATE VENTILATION
<b>Other Work Practices</b>	Eye bath and safety showers required Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

### 9. Physical and chemical properties

<b>Appearance</b>	White Solid
<b>Odor</b>	Little or no odor
<b>Odor threshold</b>	Not Measured
<b>pH</b>	1% Solution=10.2
<b>Melting point / freezing point</b>	Decomposes when heated
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Flammable
<b>Evaporation rate (Ether = 1)</b>	Is slower than ether
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not flammable <b>Upper Explosive Limit:</b> Not flammable
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Is heavier than air
<b>Specific Gravity</b>	1.457 (H <sub>2</sub> O=1)
<b>Solubility in Water</b>	Moderate
<b>Partition coefficient n-octanol/water (Log K<sub>ow</sub>)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Volatility/Vol (%)</b>	0.6
<b>Freezing Point</b>	Not Applicable

#### 9.2. Other information

No other relevant information.

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### 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

HIGH TEMPERATURES

**10.5. Incompatible materials**

INCOMPATIBLE WITH ACIDS, ALUMINUM, PHOSPHOROUS PENTOXIDE, FLUORINE, LITHIUM, AND 2,4,6-TRINITROTOLUENE.

**10.6. Hazardous decomposition products**

Liberates oxygen when warm and wet. Hazardous polymerization will not occur.

### 11. Toxicological information

**Acute toxicity**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Sodium percarbonate - (15630-89-4)	1,034.00, Rat - Category: 4	No data available	No data available	No data available	No data available
Sodium carbonate - (497-19-8)	4,090.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Sulfuric acid disodium salt - (7757-82-6)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	5	May be harmful if swallowed. (Not adopted by US OSHA)
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable

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Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**12. Ecological information**

**12.1. Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium percarbonate - (15630-89-4)	Not Available	Not Available	Not Available
Sodium carbonate - (497-19-8)	300.00, Lepomis macrochirus	265.00, Daphnia magna	242.00 (72 hr), Freshwater Algae
Sulfuric acid disodium salt - (7757-82-6)	Not Available	Not Available	Not Available

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**

No data available.

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### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	UN1479	UN1479	UN1479
<b>14.2. UN proper shipping name</b>	UN1479, Oxidizing solid, n.o.s., (SODIUM CARBONATE PEROXYHYDRATE), 5.1, III	Oxidizing solid, n.o.s., (SODIUM CARBONATE PEROXYHYDRATE)	Oxidizing solid, n.o.s., (SODIUM CARBONATE PEROXYHYDRATE)
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> 5.1	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	III	III	III
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user</b>	No further information		

### 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	D2B C
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> Yes <b>Immediate (Acute):</b> Yes <b>Delayed (Chronic):</b> No

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### EPCRA 311/312 Chemicals and RQs (lbs):

pentasodium triphosphate ( 5,000.00)

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### New Jersey RTK Substances (>1%) :

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Pennsylvania RTK Substances (>1%):

pentasodium triphosphate

Sulfuric acid disodium salt

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H272 May intensify fire; oxidizer.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

FOOT NOTES: FOR HELP IN A CHEMICAL TRANSPORTATION EMERGENCY, CALL INFOTRAC: 1-800-535-5053

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