



## SAFETY DATA SHEET



### 1. IDENTIFICATION

#### Product identifier

**Product name:** Legacy of Clean™ All Fabric Bleach - Ultra-Concentrated All Fabric Bleach

#### Other means of identification

**Product code:** 110481, 107873, 117774

**Synonyms:** None

#### Recommended use of the chemical and restrictions on use

**Recommended use:** Laundry bleach. Consumer use.

**Uses advised against:** Do not mix with chlorine bleach.

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

<b>Product information:</b> Amway Canada Corporation 375 Exeter Road London, Ontario N5Y 5V6 Information #: 1-800-265-5470	<b>Manufacturer</b> Access Business Group, LLC 7575 Fulton Street East Ada, MI 49355 USA Tel: 1-800-253-6500
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**E-mail address:** sds@amway.com

#### Emergency Telephone Number

**For Transportation Emergencies:** ChemTrec @ 1-800-424-9300

**Emergency Telephone Number:** For Poisoning Emergencies call Amway's poison control service in the United States at 1-616-787-6307. This is a 24-hour number.

### 2. HAZARD IDENTIFICATION

#### Classification

#### WHMIS Classification

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Oxidising solids	Category 3

#### Label elements



## DANGER

### Hazard statements:

Harmful if swallowed  
Causes skin irritation  
Causes serious eye damage  
May intensify fire; oxidizer

### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Take any precaution to avoid mixing with combustibles  
Keep/Store away from combustible materials

### Precautionary Statements - Response

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTRE or doctor/physician

#### Skin

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before re-use

#### Ingestion

IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell  
Rinse mouth

#### Fire

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

Not applicable

### OTHER INFORMATION

- Toxic to aquatic life

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	CAS #	Weight %
Sodium percarbonate	Sodium percarbonate	15630-89-4	80-90
Carbonic acid disodium salt	Sodium carbonate	497-19-8	10-20
Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), disodium salt	Sodium metasilicate	6834-92-0	1-5

Percentages are expressed as a ratio of the weight of the ingredient to the weight of the controlled product (lbs.)

## 4. FIRST AID MEASURES

## **FIRST AID MEASURES**

- Eye contact:** Remove contact lenses. Rinse with gentle stream of water for 15 minutes, holding eyelids open. Get IMMEDIATE medical advice by calling a poison control center, doctor or hospital emergency room.
- Skin contact:** Wash thoroughly with soap and water. Call a doctor if irritation persists.
- Inhalation:** Move to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling an anti-poison center, doctor or hospital emergency room.
- Ingestion:** Immediately call a POISON CENTRE or doctor/physician Do not induce vomiting. If vomiting occurs spontaneously, keep victim in an upright position. If victim is a child, give 120-240 ml of water. For adults, give 240-360 ml of water.
- Protection of first-aiders:** Use personal protective equipment as required.

### **Most important symptoms and effects, both acute and delayed**

**Symptoms:** No information available.

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

**Notes to physician:** Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

### **Suitable extinguishing media**

**Suitable extinguishing media:**

Use CO<sub>2</sub>, dry chemical, or foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:**

No information available.

### **Specific hazards arising from the chemical**

May intensify fire; oxidizer.

### **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions:**

Wear appropriate personal protection equipment (respirator, gloves, goggles, and/or faceshield, boots, protective clothing).

**For emergency responders:**

Use personal protective equipment as required.

### **Environmental Precautions**

See Section 12 for additional Ecological Information. Prevent further leakage or spillage if safe to do so.

### **Methods and material for containment and cleaning up**

**Methods for containment:**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods for cleaning up:**

Do not return to original container. Bag spill in dry plastic bags. Dispose of in accordance with all national and local regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling:**

Avoid contact with skin and eyes. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not mix with chlorine bleach. Keep away from heat and sources of ignition.

**General hygiene considerations:**

Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage conditions:**

Keep out of the reach of children. Keep in a dry place. Keep away from combustible material.

**Incompatible materials:**

Do not mix with chlorine bleach. Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure limits:**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Derived No Effect Level (DNEL):**

No information available.

**Predicted No Effect Concentration (PNEC):**

No information available.

### Appropriate engineering controls

**Engineering measures:**

Mechanical ventilation is not normally necessary when this product is used according to label directions.

### Individual protection measures, such as personal protective equipment

**Eye/face protection:**

Follow label directions. No special technical protective measures are necessary. Avoid contact with eyes. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

- Hand protection:** Follow label directions. Skin protection is not normally necessary when this product is used according to label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
- Skin and body protection:** Follow label directions. Skin and body protection is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
- Respiratory protection:** Follow label directions. Respiratory protective equipment is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

**General industrial hygiene practice:**

This product is sold as a consumer product. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures. Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Physical state:</b>	Powder	<b>Odour:</b>	Floral
<b>Appearance:</b>	Granular	<b>Odour threshold:</b>	No information available
<b>Colour:</b>	White		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH:</b>	10.28 - 10.82	Solution (1 %)	
<b>Melting point/freezing point:</b>		No information available	
<b>Boiling point/boiling range:</b>		No information available	
<b>Flash point:</b>		No information available	
<b>Evaporation rate:</b>		No information available	
<b>Flammability (solid, gas):</b>		No information available	
<b>Flammability limit in air:</b>			
<b>Upper flammability limit:</b>			
<b>Lower flammability limit:</b>			
<b>Vapour pressure:</b>		No information available	
<b>Vapour density:</b>		No information available	
<b>Specific Gravity:</b>		No information available	
<b>Water solubility:</b>	Soluble in water		
<b>Solubility(ies):</b>		No information available	
<b>Partition coefficient</b>		No information available	
<b>Auto-ignition temperature:</b>		No information available	
<b>Decomposition temperature:</b>		No information available	
<b>Kinematic viscosity:</b>		No information available	
<b>Dynamic viscosity:</b>			
<b>Explosive properties:</b>	No information available		
<b>Oxidising properties:</b>	May intensify fire; oxidizer		
<b>Softening point:</b>	No information available		
<b>Molecular weight:</b>	No information available		
<b>VOC content (%):</b>	No information available		
<b>Density:</b>	No information available		
<b>Bulk density:</b>	0.92 - 1.10 g/cc		

**10. STABILITY AND REACTIVITY**

### Reactivity

No data available.

### Chemical stability

**Stability:**

Stable under normal conditions.

**Sensitivity to mechanical impact:**

None.

**Sensitivity to static discharge:**

None.

### Possibility of hazardous reactions

Do not mix with chlorine bleach. Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

### Conditions to avoid

Exposure to moisture. Decomposes when moist. Keep out of reach of children. Do not mix with chlorine bleach.

### Incompatible materials:

Do not mix with chlorine bleach. Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

### Hazardous decomposition products

Not determined.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Aggravated medical conditions:** Exposure to this product may aggravate pre-existing skin, eye, and respiratory disorders.

**Principle routes of exposure:** Eye contact, skin contact

**Inhalation:** May cause irritation of respiratory tract.

**Eye contact:** Severely irritating to eyes.

**Skin contact:** Irritating to skin. Patch test on human volunteers did not demonstrate sensitisation properties.

**Ingestion:** Harmful if swallowed. Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium percarbonate 15630-89-4	= 1034 mg/kg ( Rat )	-	-
Carbonic acid disodium salt 497-19-8	= 4090 mg/kg ( Rat )	-	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h

Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), disodium salt 6834-92-0	= 1153 mg/kg ( Rat )	-	-
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**Information on toxicological effects**

**Symptoms:** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Irritating to skin.  
**Serious eye damage/eye irritation** Risk of serious damage to eyes.  
**Sensitisation:** Patch test on human volunteers did not demonstrate sensitisation properties.  
**Germ cell mutagenicity:** None known.  
**Carcinogenicity:** None known

**Reproductive toxicity:** This product does not contain any known or suspected reproductive hazards.  
**STOT - single exposure:** None under normal use conditions.  
**STOT - repeated exposure:** None under normal use conditions.  
**Aspiration hazard:** No hazard from product as supplied.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life. Aquatic Toxicity (Acute): Aquatic Acute 2

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium percarbonate 15630-89-4	70: 240 h Chlorella emersonii mg/L EC50	70.7: 96 h Pimephales promelas mg/L LC50 static	4.9: 48 h Daphnia pulex mg/L EC50
Carbonic acid disodium salt 497-19-8	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static	265: 48 h Daphnia magna mg/L EC50
Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), disodium salt 6834-92-0	-	210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50	216: 96 h Daphnia magna mg/L EC50

**Persistence and degradability**

Readily biodegradable.

**Bioaccumulation**

No information available

**Mobility in soil**

No information available.

**Mobility**

Soluble in water.

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

- Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated packaging:** Only empty packaging can be recycled.

## 14. TRANSPORT INFORMATION

The listed transportation classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptions.

**DOT:**

UN/ID No.: UN3378  
Proper shipping name: SODIUM CARBONATE PEROXYHYDRATE  
Hazard Class: 5.1  
Packing group: III

**IMDG/ADR:**

UN/ID No.: UN3378  
Proper shipping name: SODIUM CARBONATE PEROXYHYDRATE  
Hazard class: 5.1  
Packing group: III  
Marine pollutant: Not applicable

**ICAO/IATA:**

UN/ID No.: UN3378  
Proper shipping name: SODIUM CARBONATE PEROXYHYDRATE  
Hazard class: 5.1  
Packing group: III  
Marine pollutant: Not applicable

The information contained in this document is subject to change or update due to changing government regulations. The user of this document assumes responsibility for complying with all applicable national and international laws and regulations regarding the shipment of Dangerous Goods

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).  
This SDS contains all of the information required by the HPR.

## 16. OTHER INFORMATION

### Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (Time-Weighted Average)  
STEL - STEL (Short Term Exposure Limit)  
WHMIS (Workplace Hazardous Materials Information System)



The information contained herein is believed to be accurate and represents the best information currently available to us, much of which comes from the manufacturer or supplier of components of this product. Therefore, Access Business Group LLC makes no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to make certain that this SDS is the most current SDS for the product; to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations.

Prepared By: Access Business Group LLC, Environmental, Health and Safety Department, Ada, Michigan, U.S.A.

**This data sheet contains changes from the previous version in section(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16**

**\*\*\*END OF SAFETY DATA SHEET\*\*\***