

Date: December 3, 2008  
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Former date: June 4, 2008  
Reviewed by: Brian Haack

## 1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: ACCELERATOR Product Code: 1-960301  
The intended use of the product is an additive cleaning performance booster for carpet cleaning formulas.

Standard industrial classification: 2842

Manufacturer: Master Blend, Inc  
5285 Fox Street Unit A  
Denver, CO USA 80216  
303-373-0702 Telephone

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL CHEM-TEL, INC.  
(USA, Canada & U.S. Virgin Islands) 1-800-255-3924 OR INTERNATIONAL CALL COLLECT 1-813-248-0585

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### 2.1 Hazardous Ingredients

| 2.1.1<br>CAS #                     | EINECS No | 2.1.2<br>Name                     | 2.1.3<br>Concentration | 2.1.4<br>Warning, Risk phrases |
|------------------------------------|-----------|-----------------------------------|------------------------|--------------------------------|
| 15630-89-4                         | 239-707-6 | Sodium carbonate<br>peroxyhydrate | >85%                   | R20/21/22                      |
| 497-19-8                           | 207-838-8 | Sodium carbonate                  | 5-15%                  | R20/21/22                      |
| 6834-92-0                          | 229-912-9 | Sodium metasilicate               | 1- 5%                  | R34, R37                       |
| 2.1.5 No confidential ingredients. |           |                                   |                        |                                |
| 2.1.7 Other information: None      |           |                                   |                        |                                |

## 3. HAZARDS IDENTIFICATION

**Human:** This product may cause severe irritation to the eyes and gastrointestinal tract. Product may cause slight irritation to skin and respiratory system.

**Environment:** This product is unlikely to accumulate in aquatic environment.

## 4. FIRST AID MEASURES

**Eye Contact:** Flush with water for at least 15 minutes. Seek medical attention.

**Skin Contact:** Wash with soap and water. If irritation persists, seek medical attention.

**Inhalation:** Remove to fresh air. If trouble with breathing persists, seek medical attention.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Dilute with one to two glasses of water. Seek medical attention.

## 5. FIRE-FIGHTING MEASURES

The product is non-combustible; use suitable extinguishing media for the surrounding fire.

Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire fighters.

This product is likely to support combustion as it is an oxidiser.

Exposure hazard: decomposition of product may be oxygen which may support further combustion.

## 6. ACCIDENTAL RELEASE MEASURES

Sweep up spills for disposal. Contaminated or wet product is no longer viable for reuse. Check local authority for proper disposal methods. Do not mix this product with other waste materials.

## 7. HANDLING AND STORAGE

Handle product with best business practices. Keep this product stored away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store in a cool and dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limit values:

HTP values: None  
Other limit values: Nuisance dust (USA) OSHA PEL  
15 mg/m<sup>3</sup>  
Limit values in other countries: Nuisance dust (AICS) 10 mg/m<sup>3</sup>

**Exposure controls:** Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful. Wear a dust mask to avoid long term effect of breathing the material. Wear chemical impermeous gloves to protect exposure to your hands. Wear chemical safety goggles or glasses to protect your eyes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

The product is a dry white powder with no odour.  
 Important health, safety and environmental information  
 RTU pH 10.0  
 Boiling point/boiling range NA  
 Freezing point NA  
 Flash point NA  
 Flammability (solid, gas) NA  
 Explosive properties Not explosive  
 Oxidising properties Product is an oxidiser  
 Vapour pressure Very low  
 Relative density Greater than water  
 Solubility 100% in water  
 Specific gravity 1.16  
 RVOC% 0.00

**10. STABILITY AND REACTIVITY**

The product is stable and will not polymerise. Avoid strong acids, bases and reducing agents.  
 Hazardous decomposition of product may be oxygen.

**11. TOXICOLOGICAL INFORMATION**

Oral LD50 1034 mg/kg (rat)  
 Dermal LD40 >2000 mg/kg (rabbit)  
 Inhalation LC0 >4580 mg/m3, 1 hour (rat)

**12. ECOLOGICAL INFORMATION**

Biodegradability: Abiotic degradation  
 Mobility: Soluble in water  
 Bio-accumulation: This product is unlikely to accumulate in waterways and will not accumulate in the environment.  
 Ecotoxicity: Fish, Pimephales promelas, LC50 70.7 mg/L; NOEC 1 mg/L, 96 hours  
 Crustaceans, Daphnia pulex, EC50 4.9 mg/L; NOEC 1 mg/L, 48 hours

**13. DISPOSAL CONSIDERATIONS**

Dispose in accord with National regulations. Do not mix waste material with other waste materials.

**14. TRANSPORTATION INFORMATION**

Identification UN1479  
 Proper Shipping Name Oxidizing solid, N.O.S., (Sodium Carbonate Peroxyhydrate)  
 Hazard Class 5.1  
 Packing group III  
 US Domestic Ground Shipments: Consumer Commodity, ORM-D [49 CFR 173.15.2]  
 US Domestic Air Shipments: Consumer Commodity ORM-D - Air

**15. REGULATORY INFORMATION**

ILO: Xn (Harmful)  
 WHMIS: Oxidizer, Harmful  
 Risk Phrases: R22 – Harmful if swallowed  
 R36/38 – Irritating to eyes and skin  
 Safety Phrases: S2 – Keep out of the reach of children  
 S13 – Keep away from food, drink and animal feeding stuffs  
 S24/25 – Avoid contact with eyes and skin  
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37/39 – Wear suitable gloves and eye/face protection  
 S62 – If swallowed do not induce vomiting: seek medical advice immediately and show this container or label

Special regulations on certain preparations:

|      |                        |      |
|------|------------------------|------|
| HMIS |                        | NFPA |
| 2    | Health                 | 2    |
| 0    | Fire                   | 0    |
| 1    | Reactivity/Instability | 1    |
| E    | PPE                    |      |

**16. OTHER INFORMATION**

Restrictions on use: Ready to use after label dilution. This product intended for professional use only.  
 Further information:  
 Call CHEM-TEL, INC. collect 1- 813-248-0582  
 Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.  
 This product contains no Prop 65 materials.  
 This is a revised Safety Data Sheet.  
 Sodium carbonate peroxyhydrate is listed in the following inventories: USA (TSCA); Korea (KECL); Canada (DSL); Philippines (PICCS); Europe (EINECS); Japan (ENCS and Australia (AICS).  
 CERCLA RQ: Sodium carbonate peroxyhydrate: 45.4 kg (100 lbs)

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