



Safety Data Sheet – Gentle Home Cleaning, Unscented

Section 1: Chemical Product and Company Identification

Product Name: Gentle Home Cleaning Scrub, Unscented

Manufacturer Name: Meliora K, LLC

Address: 2010 W Fulton St., STE F-236, Chicago IL 60612

Catalog Codes: GCS-UNS

Phone Number: 312-721-8002

Recommended Use: Consumer home cleaning

website: www.meliorameansbetter.com

Restrictions on Use: None

email: info@meliorameansbetter.com

Emergency Phone Number: 312-721-8002

Section 2: Hazard Identification

Potential Short-term Health Effects: May be harmful if swallowed, inhaled, or on prolonged skin contact. Irritating to eyes.

Subchronic effects/Carcinogenicity: none known. Ingredients are not listed as a carcinogen or potential carcinogen by IARC, NTP, OSHA, or ACGIH

Section 3: Composition and Information on Ingredients

Composition:

Name	CAS #
Sodium Bicarbonate (Baking Soda)	144-55-8
Vegetable Soap	various; see below

Vegetable Soap Composition:

Name	CAS #
Sodium Cocoate	61789-31-9
Glycerin	56-81-5
Cocos Nucifera Oil (Coconut Oil)	8001-31-8
Water	7732-18-5

Section 4: First Aid Measures

Eye Contact: remove contact lenses, flush with plenty of water for 15 minutes. If irritation persists, seek medical attention.

Ingestion: If large amounts are swallowed, do not induce vomiting. Administer water if person is conscious. Never give anything by mouth to an unconscious person.

Skin Contact: flush skin with water. Wash clothing before reuse.

Inhalation: move to fresh air. Seek medical attention if irritation develops or person has difficulty breathing.

Section 5: Fire-Fighting Measures**Flammability of Product:** non-flammable**Auto-Ignition Temperature:** Not Applicable**Flash Points:** Not Applicable**Flammable Limits (LFL/UFL):** Not Applicable**Products of Combustion:** emits Na₂O and CO₂ fumes when heated to decomposition.**Extinguishing Media:** Non-combustible material. Use extinguishing media appropriate for surrounding fire.**Section 6: Accidental Release Measures**

Scoop up into dry, clean containers for reuse or landfill disposal. Remove remaining dust with a wet cloth and neutralize large residues with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7: Handling and Storage

Store in cool, dry areas away from incompatible substances (acids). Keep away from extreme temperatures. Do not ingest or breathe dust. Ingredients will react with acids to yield carbon dioxide gas which can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide levels have been determined to be safe.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels of dust particles below 15 mg/m³. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants lower than 15 mg/m³.

Personal Protection: for handling large amounts, use splash goggles, lab coat, gloves, and dust mask/respirator to avoid skin, lung, and eye irritation from dusts.

Exposure Limit: OSHA PEL - General Industry: 15 mg/m³ for nuisance dust

Section 9: Physical and Chemical Properties**Physical state/appearance:** Solid white to off-white powder**Critical Temperature:** Not available.**Odor:** Odorless.**Vapor Pressure:** Not applicable.**Bulk Density:** 1.05 g/cc**Vapor Density:** Not available.**pH as is:** Not Applicable**Volatility:** Not available.**pH (1% soln/water):** Not Available [Basic]**Odor Threshold:** Not available.**Boiling Point:** Not Available.**Water/Oil Dist. Coeff.:** Not available.**Melting Point:** Not Available**Solubility in water:** Soluble**Section 10: Stability and Reactivity**

Stable under normal conditions. Avoid high heat and moisture.

Incompatible Materials: Strong oxidizers, strong acids. Reacts with acids to yield carbon dioxide.

Hazardous Decomposition Products: decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, sodium oxide, hydrocarbons, fumes, and smoke may be produced.

Hazardous Polymerization: Not Applicable

Section 11: Toxicological Information

General Information: Adverse effects on human health are not to be expected in normal use.

Routes of Exposure: Eye contact, ingestion, inhalation of dust, prolonged skin exposure

Eye Effects: Eye irritant upon contact with powder or significant amounts of dust from powder.

Skin Effects: Moderate skin irritant on prolonged or repeated contact

Acute Inhalation: Dusts inhaled may cause mucous membrane and upper respiratory irritation.

Acute Oral/Ingestion Effects: May cause irritation of gastrointestinal tract such as vomiting or abdominal pain.

Toxicity to Animals: (note: conservative estimate based on values for sodium carbonate) Acute oral toxicity (LD50): 4090mg/kg [rat]. Acute toxicity of the dust (LC50): 1200mg/kg [mouse].

Section 12: Ecological Information

Ecotoxicity: Not Available

BOD5 and COD: Not Available

Persistence in Environment: This product is not expected to persist in the environment.

Bioaccumulation: This product is not expected to bioaccumulate.

Section 13: Disposal Considerations

Dispose of waste in accordance with federal, state, and local environmental regulations.

No special disposal considerations are expected for empty containers

Section 14: Transport Information

DOT: not a DOT controlled material (United States)

Identification: Not Applicable

Special Provisions for Transport: Not Applicable

Section 15: Regulatory Information

CLEAN AIR ACT SECTION 611: Material neither contains nor is it manufactured with ozone depleting substances (ODS).

OSHA: Not hazardous under 29 CFR 1910.1200

RCRA: Not a hazardous material or a hazardous waste by listing or characteristic.

TSCA Inventory List: Ingredients are reported in the EPA Inventory List

HMIS (USA), conservative values based on constituent ingredients: Health Hazard: 2 Flammability: 0 Reactivity: 1

Section 16: Other Information

Last Updated: November 29, 2018

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Meliora K be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising.



Oxygen Brightener

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/21/2018

Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Oxygen Brightener

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Meliora K, LLC (dba Meliora Cleaning Products)
2010 W. Fulton Street
STE F-236
Chicago, IL 60612
(312) 635-2297

1.4. Emergency telephone number

Emergency number : (312) 721-8002 (9-5 M-F)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Ox. Sol. 2 H272
Acute Tox. 4 (Oral) H302
Eye Dam. 1 H318

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) :
H272 - May intensify fire; oxidizer
H302 - Harmful if swallowed
H318 - Causes serious eye damage

Precautionary statements (GHS US) :
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 - Keep or store away from clothing and other combustible materials
P221 - Take any precaution to avoid mixing with combustibles
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing, chemical goggles, & face protection.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call poison center or doctor.
P330 - Rinse mouth.
P370+P378 - In case of fire: Use media other than water to extinguish.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%
Sodium percarbonate	(CAS-No.) 15630-89-4	30 – 60
Sodium carbonate	(CAS-No.) 497-19-8	30 – 60

In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR 1910.1200) the specific chemical identity or exact weight percent has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
- First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.
- First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.
- First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects : Causes serious eye damage.
- Symptoms/effects after inhalation : May cause respiratory irritation.
- Symptoms/effects after skin contact : May cause skin irritation.
- Symptoms/effects after eye contact : Causes serious eye damage.
- Symptoms/effects after ingestion : May cause gastrointestinal irritation.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Fire hazard : May cause or intensify fire; oxidizer.
- Explosion hazard : Product is not explosive.
- Reactivity : Oxidizing agent, may cause spontaneous ignition of combustible materials.
- General measures : Avoid dust formation

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Prevent human exposure to fire, fumes, smoke and products of combustion.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid dust formation.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium percarbonate (15630-89-4)
OELs not established
Sodium carbonate (497-19-8)
OELs not established

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):



Personal protective equipment:

Wear chemical goggles and face shield in combination. Gloves. Protective clothing.

Hand protection:

Wear protective gloves. Use gloves appropriate to the work environment. Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suitable gloves for this specific application can be recommended by the glove supplier. Be aware that the chemical may penetrate the gloves. Frequent changes are advisable.

Eye protection:

Chemical goggles or safety glasses. Use eye protection suitable to the environment. Avoid direct contact with eyes.

Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection:

Wear appropriate mask. Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

Other information:

Do not eat, drink or smoke during use.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Color	: White
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Oxidizing agent, may cause spontaneous ignition of combustible materials.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Oral: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Sodium percarbonate (15630-89-4)

LD50 oral rat	1034 mg/kg
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Sodium carbonate (497-19-8)	
LD50 oral rat	4090 mg/kg
LD50 dermal rat	2210 mg/kg mouse
LC50 inhalation rat (mg/l)	2300 mg/m ³ 2 h; (dust)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects	: Causes serious eye damage.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

Oxygen Brightener

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

Oxygen Brightener

Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information	: Avoid release to the environment.
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SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description	: UN3378 Sodium carbonate peroxyhydrate, 5.1, II
UN-No.(DOT)	: UN3378
Proper Shipping Name (DOT)	: Sodium carbonate peroxyhydrate
Class (DOT)	: 5.1 - Class 5.1 - Oxidizer 49 CFR 173.128
Packing group (DOT)	: II - Medium Danger

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Hazard labels (DOT) : 5.1 - Oxidizer



DOT Quantity Limitations Passenger aircraft/rail : 5 kg
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 25 kg
CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 13 - Keep as dry as reasonably practicable, 25 - Protected from sources of heat, 75 - Stow "separated from" permanganates

Emergency Response Guide (ERG) Number : 140

Other information : No supplementary information available.

Transportation of Dangerous Goods

Not applicable

Transport by sea (IMDG)

Transport document description (IMDG) : UN 3378 SODIUM CARBONATE PEROXYHYDRATE, 5.1, II

UN-No. (IMDG) : 3378

Proper Shipping Name (IMDG) : SODIUM CARBONATE PEROXYHYDRATE

Class (IMDG) : 5.1 - Oxidizing substances

Packing group (IMDG) : II - substances presenting medium danger

Air transport (IATA)

Transport document description (IATA) : UN 3378 Sodium carbonate peroxyhydrate, 5.1, II

UN-No. (IATA) : 3378

Proper Shipping Name (IATA) : Sodium carbonate peroxyhydrate

Class (IATA) : 5.1 - Oxidizing Substances

Packing group (IATA) : II - Medium Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

Oxygen Brightener	
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt	
SARA Section 311/312 Hazard Classes	Physical hazard - Oxidizer (liquid, solid or gas) Health hazard - Serious eye damage or eye irritation Health hazard - Acute toxicity (any route of exposure)

15.2. International regulations

No additional information available

15.3. US State regulations

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

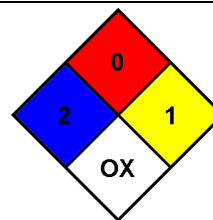
Author : TB

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NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
NFPA fire hazard	: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.
NFPA specific hazard	: OX - Materials that posses oxidizing properties.
HMIS Hazard Rating	
Health	: 2
Flammability	: 0
Physical	: 1



This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product