

SECTION I - PRODUCT IDENTIFICATION



Material Safety Data Sheet

Distributed by:

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TRADE NAME: Peroxy Green Booster™
CHEMICAL NAME: Mildly alkaline, oxidizing mixture.
CHEMICAL FAMILY: Proprietary

PRODUCT CODE: 2342019
REVISION DATE: January 11, 2010

NOTICE

WHILE THE INFORMATION AND RECOMMENDATIONS GIVEN ARE BELIEVED TO BE ACCURATE, A GROWING ALTERNATIVE, INC. MAKES NO WARRANTY, EXPRESS, OR IMPLIED AND ASSUMES NO LIABILITY WITH RESPECT TO USE OF THIS INFORMATION

CHEMICAL IDENTITY	CONCENTRATION	CAS#	TLV
SODIUM PERCARBONATE	> 85%	15630-89-4	NE
SODIUM CARBONATE	12.7%	497-19-8	NE
SODIUM METASILICATE	1.4%	6834-92-0	NE

ALL COMPONENTS OF THIS PRODUCT THAT ARE REQUIRED TO BE ON THE TSCA INVENTORY, ARE LISTED ON THE INVENTORY.

SECTION III - PHYSICAL DATA

MELTING POINT/RANGE: N/A
SPECIFIC GRAVITY: N/A
EVAPORATION RATE (ETHER =1): N/A
APPEARANCE AND ODOR: Granular white powder, Odorless

VAPOR PRESSURE: N/A
RELATIVE DENSITY: N/A
SOLUBILITY IN WATER: Appreciable
PH: 1% solution 10.0-10.6

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (F): N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Use water only as extinguishing media.
SPECIAL FIRE FIGHTING MEDIA: Personnel should wear normal protective equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Decomposition of the product may evolve oxygen which may accelerate the burning rate of other combustible materials.

SECTION V - HEALTH HAZARD DATA

HMIS: HEALTH: 2 FIRE: 0 REACTIVITY: 1
THRESHOLD LIMIT VALUE (TLV): Inhalable 10 mg/m³, Respirable 3 mg/m³
EFFECTS OF OVEREXPOSURE:

SKIN: May cause irritation to skin and eyes on contact.

EYE: May cause irritation to skin and eyes on contact.

INGESTION: Ingestion can cause nausea, vomiting.

ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES:

SKIN: Immediately flush with large quantities of water for at least 15 minutes, while removing contaminated clothing and shoes. **Call a physician immediately in case of persistent pain or redness.**

EYE CONTACT: Immediately flush with large quantities of water for at least 15 minutes, while removing contaminated clothing and shoes. **Call a physician immediately.**

INGESTION: Do not induce vomiting. **Call a physician immediately.**

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. **Call a physician immediately.**

SECTION VI – REACTIVITY DATA

INSTABILITY: Stable under certain conditions of use will slowly release gas.

INCOMPATIBILITY: Contact with strong acids, bases, metal salts, reducing agents, organic materials and combustible materials.

DECOMPOSITION: Oxygen and oxides of carbon and sulfur. Will release steam and heat.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessively high temperature and moisture.

SECTION VII - SPILL OR LEAK PROCEDURES

SPILL, LEAK OR RELEASE: Sweep up solids or flush solutions with water and transfer to waste treatment area.

WASTE DISPOSAL: Conform to all existing federal, state and local regulations with regard to waste disposal.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved dust and/or mist respirator.

VENTILATION: Local – Maintain adequate ventilation for work area.

PROTECTIVE GLOVES: Rubber or plastic.

EYE PROTECTION: Goggles-face shield.

OTHER PROTECTIVE EQUIPMENT: Protective clothing to prevent skin contact.

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Product has mild oxidizing properties, store in a cool, dry place area away from sunlight and heat. Keep container closed when not in use. Store to prevent physical damage to container and away from strong acids and bases and combustible materials. Keep below 104 F.

SECTION X - TRANSPORTATION REQUIREMENTS

PROPER SHIPPING NAME: SODIUM CARBONATE PEROXYHYDRATE

HAZARD CLASS: 5.1

DOT GUIDE: 140

ID NUMBER: UN 3378

PKG. GROUP: III