



SAFETY DATA SHEET

This SDS complies with OSHA HazCom Standard 29 CFR 1910.1200(g) Rev. 2012 and GHS Rev. 03.

DATE REVISED: June 30, 2015 (Version 4.0)

Section 1: IDENTIFICATION

a. Product Identifiers

GHS Product Identifier: Sodium Chlorite
 Trade Name: Smoke Eliminator - Odor Elimination Kit
 Product Number: DL4003
 Product Description: Deodorizing delivery system for the generation of chlorine dioxide for use in odor elimination in confined spaces.
 Product Class: Odor elimination in confined spaces.

b. Details of the Supplier of the Safety Data Sheet

Manufacturer/Supplier:
 1. Name: Mighty Distributing System of America
 2. Address: 650 Engineering Drive, Norcross, GA30092
 3. Phone: 800-329-3900
 4. Website: www.mightyautoparts.com

c. Emergency Telephone Number: Chemtrec: 1-800-424-9300

Section 2: HAZARD IDENTIFICATION

Classified as a Dangerous good according to NZS 5433:2012 Transport of Dangerous Goods on Land.
 Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Oxidizing solids (Category 2), H272	Skin corrosion (Category 1B), H314
Acute toxicity, Oral (Category 3), H301	Serious eye damage (Category 1), H318
Acute toxicity, Inhalation (Category 2), H330	Acute aquatic toxicity (Category 1), H400
Acute toxicity, Dermal (Category 2), H310	Chronic aquatic toxicity (Category 1), H410

Subclasses: Subclass 6.1 Category E- Substances which are acutely toxic
 Subclass 6.8 Category A Substances that are known or presumed human reproductive or developmental toxicants
 Subclass 6.9 Category B Substances that are harmful to human target organs or systems
 Subclass 8.2 Category B Substances that are corrosive to dermal tissue
 Subclass 8.3 Category A Substances that are corrosive to ocular tissue.

GHS Label elements, including precautionary statements

Signal Word: DANGER

GHS Hazard Symbols:



GHS Hazard Statement(s):

H303+H313+H333 May be harmful if swallowed, incontact with skin or if inhaled
 H314 Causes severe skin burns and eye damage
 H373 May cause damage to organs through prolonged or repeated exposure
 H400 Very toxic to aquatic life
 H422 Toxic to the soil environment
 H433 Harmful to terrestrial vertebrates

GHS Precautionary Statement(s):

Prevention: P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breath mist, vapours or spray
 P262 Do not get in eyes, on skin, or on clothing.
 P264 Wash hands thoroughly after handling
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P280 Wear protective gloves, protective clothing and eye protection.
 P284 Wear respiratory protection.

Response: P308+P313 IF exposed or concerned: get medical advice/attention.
 P314 Get medical advice/attention if you feel unwell.
 P301+P330+P331 IF SWALLOWED Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P363 Wash all contaminated clothing before re-use.
 P321 Specific treatment (see first aid measure on Safety Data Sheet)
 P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P304+P312 IF INHALED: Call a POISON CENTER or doctor/physician.
 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 a POISON CENTER or doctor/physician.

Storage: P405 Store locked up.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:

INGREDIENT	CAS #:	CONCENTRATION (% by weight)
Sodium chlorite	7758-19-2	24-45%
Inorganic acid/other		55-76%

Section 4: FIRST-AID MEASURES

SKIN: Remove contaminated clothing. Wash exposed area with plenty of soap and water for at least 15 minutes.

EYE: Immediately flush with water for 15 minutes. Get medical attention.

INHALATION: Remove to fresh air. If irritation persists, seek medical attention.

INGESTION: If conscious drink large quantities of milk, or gelatin solution, or if this is not available drink a large quantity of water. Do not drink Vinegar or other acids. Do not induce vomiting. Seek medical attention.

Section 5: FIRE-FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURE: NIOSH certified gas mask with canister for chlorine, or self-contained breathing apparatus should be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material is a strong oxidizer. Contact with combustibles may initiate combustion. Acid and heat may accelerate combustion, and decomposition products may include chlorine.

EXTINGUISHING MEDIA: Water or Carbon Dioxide (CO2)

Section 6: ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURE: Isolate hazard area and deny entry to unnecessary or unprotect personnel. Keep combustibles away from spill. Ventilate area of spill or leak. Remove gas with a fine water spray. Stop leak if you can without risk. Wear a self-contained breathing apparatus. Contain spilled liquid with sand or earth. Place in a disposal container. Avoid runoff into storm sewers and ditches that lead to waterways. Never discharge directly into a lake, pond, stream, river, or other natural body of water.

Section 7: HANDLING AND STORAGE

HANDLING and STORAGE PRECAUTIONS: Product is corrosive and may cause irritation to exposed skin, and eyes. Avoid getting product on skin or in eyes. Proper protective clothing should be worn while handling product. Wash after handling and avoid breathing vapors. Store product in a cool dry place away from direct sunlight. Keep product away from ammonia, acids, detergents and other chemicals that may react with the product. Keep container tightly closed in a dry and well-ventilated place. Never allow product to get in contact with water during storage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Local exhaust is recommended. Use only in well ventilated areas.

RESPIRATOR: Use NIOSH approved respirator when exposure is great.

EYE PROTECTION: Chemical goggles with side face shield.

GLOVES: Rubber or neoprene gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber splash apron, and rubber boots. Safety shower and eye wash station should be located nearby.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

FORM: dry product in tablet form

MELTING POINT: 338oF

SOLUBILITY IN WATER: Complete

VAPOR PRESSURE: Not determined

% VOLATILE: Not determined

EVAPORATION RATE: NA

ODOR: Chlorine odor

APPEARANCE: reacts with water to produce yellow liquid

Section 10: STABILITY AND REACTIVITY

STABILITY: Stable at normal temperatures and pressure. Avoid contact with direct sunlight and excessive heat

INCOMPATIBILITY (MATERIALS TO AVOID): Corrosive to steel, stainless steel, and many other materials. Avoid contact with reducing agents.

DECOMPOSITION: Will produce chlorine dioxide gas with contact of acids. Thermal decomposition products include chlorine and oxides of sodium.

HAZARDOUS POLYMERIZATION: Will not occur

Section 11: TOXICOLOGICAL INFORMATION

PERMISSIBLE EXPOSURE LIMITS (Limits are for concentration in air, not aqueous solution.)

OSHA PEL-TWA: 0.1 ppm

ACGIH TLV-TWA: 0.1 ppm

CARCINOGENICITY: This product does not contain compounds known to cause cancer according to NTP, IARC, or OSHA

ACUTE ORAL LD 50 (RAT): 278 MG/KG

ACGIH (CIO2 GAS): 0.1 PPM (TWA), 0.3PPM (STEL)

Section 12: ECOLOGICAL INFORMATION

Avoid runoff into storm sewers and ditches that lead to waterways. Never discharge directly into a lake, pond, stream, river, or other natural body of water.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Under the Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user to determine whether a substance should be classified as a hazardous waste at the time of disposal. This is due to the fact that product use, transformation, synthesis, mixtures, etc. may change the nature of the product. Dispose of waste in accordance with applicable federal, state, and local laws.

Section 14: TRANSPORT INFORMATION

This material is regulated as a DOT hazardous material.

DOT shipping Description (49CFR 172.101)

Sodium chlorite, 5.1. UN 1496, II

This applicable packaging is 49 CFR 173.4 (small quantity-maximum amount of sodium chlorite per individual receptacle is 30grams). Oxidizer placard not required. Outside package must be marked as follows: "This Package conforms to 49CFR 173.4:

NFPA Ratings:

Health hazard: 1

Flammability hazard: 1

Reactivity: 1

Other hazard: oxidizer

Section 15: REGULATORY INFORMATION

REACTIVITY HAZARD: yes, oxidizer

ACUTE HAZARD: yes, irritant

FIRE HAZARD: yes, oxidizer

CHRONIC HAZARD: not known

PRESSURE HAZARD: no

CERCLA HAZARDOUS SUBSTANCE: Not regulated

Section 16: OTHER INFORMATION

FLASH POINT: NA

FLAMMABLE LIMITS: LEL: NA UEL: NA

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