



SAFEMEDWASTE

Safety Data Sheet

According to 29 C.F.R. § 1910.1200 (HazCom 2012)

SECTION 1: Identification

Product identifier

Product form: Mixture
Trade name: SAFEMEDWASTE

Recommended uses of the substance or mixture and restrictions on use

Use of the substance/mixture: Drug destruction as indicated on the label
Use advised against: None identified

Details of the supplier of the safety data sheet

Okra Medical
3538 Meeks Farm Rd.
Johns Island, SC 29455
Telephone: 1-803-206-7003

Emergency telephone number

Emergency number: 1-843-901-1340 (9:00 am – 5:00 pm (Eastern Time))

SECTION 2: Hazards identification

This product is classified as hazardous according to Appendixes A and B of 29 C.F.R. § 1910.1200

Classification

Skin Corrosion/Irritation, Category 2
Eye Damage/Irritation, Category 1
Carcinogenicity, Category 1A
Specific Target Organ Toxicity (Repeated Exposure), Category 1

Label elements

Hazard pictograms



Signal word: Danger

Hazard statements:

Causes skin irritation
Causes serious eye damage
May cause cancer if inhaled (lung cancer, pulmonary fibrosis)
Causes damage to organs (lungs, respiratory tract) through prolonged or repeated exposure (inhalation)

Precautionary statements:

Prevention:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume.
Wear protective gloves/eye protection/face protection.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

Response:

If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse.
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 center or doctor.
If exposed: Call a poison center or doctor

Storage:
Store locked up.

Disposal:
Dispose of contents/container in accordance with local/national regulations. See Section 13 for more details.

Hazards Not Otherwise Classified (HNOC)

Contact with acids may liberate toxic gas. Hygroscopic.

Unknown acute toxicity

0% of this mixture consists of ingredients of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

Name	Product identifier	%
Metal oxidizing agent	Trade Secret	≤ 5
Stabilized chlorine	Trade Secret	≤10
Silica, Crystalline	(CAS No) 14808-60-7	< 50

The specific chemical/component identities and/or the exact component percentages of this material may be withheld as trade secrets.
This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1).

SECTION 4: First-aid measures

Description of first-aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

First-aid measures after skin contact: Rinse skin with plenty of water. Remove/take off all contaminated clothing and wash contaminated clothing before reuse. Get medical advice/attention.

First-aid measures after eye contact: Flush immediately with plenty of water while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

First-aid measures after ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Obtain emergency medical attention. Call a poison center or doctor.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: Exposure to generated dust causes irritation of the nose, throat, and airways, resulting in coughing and sneezing. Certain susceptible individuals may experience wheezing (spasms of the bronchial airways) on inhaling the dust.

Acute silicosis: A sub-chronic disease associated with acute, massive silica exposure, is a rapidly progressive, incurable lung disease that is typically fatal. Symptoms include shortness of breath, cough, fever, and weight loss and chest pain. Such exposure may cause pneumoconiosis and pulmonary fibrosis.

Repeated overexposure to crystalline silica can cause the disease silicosis and increase the risk of bronchitis, tuberculosis, lung cancer, renal disease, and scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels, and internal organs).

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

SECTION 5: Fire-fighting measures**Extinguishing media**

Suitable extinguishing media: Dry chemical, carbon dioxide, or chemical foam. Contact professional fire-fighters immediately.

Unsuitable extinguishing media: Water stream may result in dispersion of dust.

Special hazards arising from the substance or mixture

Other hazard: May emit Potassium oxides, Manganese/manganese oxides, Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

Special protective equipment and precautions for fire-fighters

Fire-fighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for fire-fighters: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

General measures: Use as directed. If spills or accidental exposure occurs, use proper personal protective equipment as indicated in Section 8. Vacuum or sweep up material and place into a suitable disposal container. Wear a self-contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Avoid generating dusty conditions. Provide ventilation. Do not use combustible materials such as paper towels to clean up spill. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Do not let this chemical enter the environment.

Environmental precaution: Avoid release to the environment. Do not allow large quantities to spread into the environment. Do not discharge into drains or rivers.

Methods and material for containment and cleaning up

Methods for cleaning up: Use a HEPA vacuum to collect materials. Sweep or shovel spills into appropriate container for disposal. Avoid raising powdered materials into airborne dust. Wear respiratory protection capable of maintaining exposures below the OSHA's permissible exposure limit (PEL) for respirable silica.

SECTION 7: Handling and storage**Precautions for safe handling**

Additional hazards when processed: Handle empty containers with care. Read label before use. Obtain special instructions before use. Ensure good ventilation of the workstation. Do not breathe dusts or mists. Wear personal protective equipment. No smoking.

Precautions for safe handling: Provide adequate ventilation. Avoid contact with skin and eyes. Avoid generation of dust. Do not breathe dust.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash thoroughly after handling the product. Take off contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities

Storage conditions: Do not store near combustible materials. Store locked up. Store in a cool, dry place. Store in a tightly closed container. Store under an inert atmosphere.

SECTION 8: Exposure controls/personal protection**Control parameters**

Silica, crystalline (14808-60-7)		
ACGIH	ACGIH TLV (TWA) (mg/m ³)	0.025 mg/m ³ (respirable fraction)
OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³ (respirable dust)
OSHA	OSHA Specifically regulated substances	25 µg/m ³ (respirable crystalline silica)

Exposure controls

Appropriate engineering controls: Ensure good ventilation to keep airborne concentrations below the permissible exposure limits.

Personal protective equipment: Protective clothing, goggles and gloves. In the event, exposure occurs and there is insufficient ventilation: wear respiratory protection.



Hand protection: Wear appropriate protective gloves. Rubber gloves.

Eye protection: Chemical goggles or safety glasses. Dust resistance safety goggles/glasses should be worn and used in accordance with applicable OSHA (i.e., 29 C.F.R. § 1910.133) standard.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. If respirators are selected, use and maintain in accordance with best practices and standards for particulate respirators. Select respirators based on the level of exposure to crystalline silica as measured by exposure monitoring. Use respirators that offer protection to the highest concentration of crystalline silica if the actual concentrations are unknown. Put in place a respiratory protection and monitoring program that complies with OSHA (i.e., 29 CFR § 1910.134) standard, which includes provisions for a user training program, respirator repair and cleaning, respirator fit testing and other requirements. Comply with all other applicable federal and state laws.

SECTION 9: Physical and chemical properties

Physical state:	Solid
Appearance:	Powder
Color:	White to off-white, Tan
Odor:	Bleach odor
Odor threshold:	No data available
pH:	Not applicable
Relative evaporation rate (butyl acetate=1):	Not applicable
Melting point:	No data available
Freezing point:	Not applicable
Boiling point:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Not flammable
Vapor pressure:	Not applicable
Relative vapor density at 20 °C:	No data available
Density:	2.50 g/cm ³
Solubility in water:	Partially soluble
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Viscosity, kinematic:	Not applicable

Other information

Gels in contact with water.

SECTION 10: Stability and reactivity**Reactivity**

Hygroscopic: Absorbs moisture or water from the air.

Chemical stability

Stable at normal temperatures and storage conditions.

Possibility of hazardous reactions

No hazardous reactions/polymerization occur.

Conditions to avoid

Avoid generation of dust during use, storage, and handling.

Incompatible materials

Strong acids, Strong-reducing agents, Strong bases, Hypochlorites.

Hazardous decomposition products

Potassium oxides, Manganese/manganese oxides, Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas.

SECTION 11: Toxicological information**Information on toxicological effects**

Information on likely routes of exposure: Inhalation, skin and eye.

Symptoms related to the physical, chemical and toxicological characteristics: See Sections 2 and 4 for details.

Delayed and immediate effects and chronic effects from short- and long-term exposure: See Sections 2 and 4 for details.

Acute toxicity: Not classified

ATE (oral): > 5,000 mg/kg (Calculated estimate)

Skin corrosion/irritation: The product as sold is not corrosive according to OECD TG 435. Causes skin irritation based on components.

Serious eye damage/irritation: Causes serious eye damage based on components.

Respiratory or skin sensitization: No component in this product is known to cause sensitization.

Germ cell mutagenicity: No component in this product is classified as a germ cell mutagen.

Carcinogenicity: May cause cancer if inhaled (silica, crystalline).

Silica, crystalline (14808-60-7)	
IARC group	1 - Carcinogenic to humans
NTP (National Toxicity Program)	Known Human Carcinogens
ACGIH	A2- Suspected Human Carcinogen -- Causes critical effects -- lung cancer
US-OSHA	Known Human Carcinogens

Reproductive toxicity: Not known

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Causes damage to organs (lungs, respiratory tract) through prolonged or repeated exposure (inhalation)

Aspiration hazard: Not classified

SECTION 12: Ecological information

Ecotoxicity

Very toxic to aquatic life with long lasting effects. Chronic M factor = 10 (based on metal oxidizing agent).

Persistence and degradability

Not established.

Bioaccumulative potential

Not established.

Mobility in soil

No additional information available.

Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

Waste treatment methods

None of the ingredients in this product is classified as RCRA hazardous waste. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 C.F.R. Section 261.3. Dispose of safely in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with 49 C.F.R. Parts 105 – 180, this product is not regulated as a hazardous material if shipped in quantities below 2000 lbs.

UN Number: Not applicable

Proper Shipping Name: Not applicable

Transport hazard class (es): Not applicable

Hazard labels: None

Packing group: None

Additional information

Marine pollutant: None of the ingredients in this mixture is listed in Appendix B to 49 C.F.R. § 172.101

SECTION 15: Regulatory information

US Federal regulations

All components of this product are excluded from listing or are listed on the active United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Inventory.

Metal oxidizing agent	
RQ (Reportable quantity, Section 304 of EPA's List of Lists)	100 lb.

US State regulations

California Proposition 65



WARNING: This product can expose you to chemicals, including respirable crystalline silica, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Silica, crystalline (14808-60-7)
Massachusetts RTK New Jersey Worker and Community RTK Pennsylvania Worker and Community RTK
Metal oxidizing agent
Massachusetts RTK New Jersey Worker and Community RTK Pennsylvania Worker and Community RTK
Stabilized chlorine
Massachusetts RTK New Jersey Worker and Community RTK Pennsylvania Worker and Community RTK

SECTION 16: Other information

Indication of changes: Revised Section 2.

Revision date: 02 March 2, 2020.

Other information: None.

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.