

## GW1-W5C

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** GW1-W5C  
**SDS Number:** GW1-W5C  
**Revision Date:** 6/14/2022  
**Product Use:** NDT Inspection Developer

**Supplier Details:** Sherwin Inc.  
5530 Borwick Avenue  
South Gate, CA 90280

**Phone:** 562-861-6324  
**Email:** sherwin@sherwininc.com  
**Internet:** www.sherwininc.com

#### Emergency telephone number:

ChemTel 1-800-255-3924 in U.S.A, Canada, Puerto Rico and US Virgin Islands;  
ChemTel +1-813-248-0585 outside U.S.A, Canada, Puerto Rico and US Virgin Islands  
ChemTel Brazil: 0-800-591-6042, China: 400-120-0751, India: 000-800-100-4086 and Mexico: 800-099-0731

### 2 HAZARDS IDENTIFICATION

#### Classification of Substance

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Skin corrosion/irritation, 3  
Physical, Oxidizing Solids, 3  
Health, Acute toxicity, 4 Oral

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word: WARNING**

#### GHS Hazard Pictograms:



#### GHS Hazard Statements:

H319 - Causes serious eye irritation  
H316 - Causes mild skin irritation  
H272 - May intensify fire; oxidizer  
H302 - Harmful if swallowed

#### GHS Precautionary Statements:

Observe good industrial hygiene practices.

P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 - IF ON SKIN (or hair): Wash off with soap and water  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical advice/attention.



## GW1-W5C

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Chemical Ingredients:
	% Chemical Name:
497-19-8	10-30% Sodium-carbonate
7632-00-0	1-10% Sodium nitrite

### 4 FIRST AID MEASURES

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention now.  
**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops and persists.  
**Eye Contact:** In the case of contact with eyes, rinse immediately with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. Get medical attention if irritation develops and persists.  
**Ingestion:** Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** Not available  
**Autoignition Temp:** N/A  
**Lower Explosive Limit:** N/A  
**UEL:** N/A  
Suitable extinguishing agents: Water haze, Foam, ABC powder

Unsuitable extinguishing: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from: During fire, gases hazardous to health may be formed.

Protective equipment: As in any fire, wear self-contained respiratory protective device. Wear fully protective suit.

General fire hazards No unusual fire or explosion hazards noted. General fire hazards No unusual fire or explosion hazards noted.

**Unsuitable extinguishing agents:** Water fog, Dry chemical, Carbon dioxide

**Special combustion hazards arising from the substance or mixture:** If heated to decomposition, gases hazardous to health may be formed

**Protective equipment:** Wear self-contained respiratory protective device. Wear fully protective suit

**Unsuitable extinguishing media:** High volume water jet

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Avoid inhalation of dust. For personal protection, see section 8 of the SDS.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

#### Methods and material for containment

## GW1-W5C

**and cleaning up:**

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS.

### 7

#### HANDLING AND STORAGE

**Handling Precautions:**

Do not breathe dust.  
Provide adequate ventilation.  
Wear appropriate personal protective equipment.  
Observe good industrial hygiene.

**Storage Requirements:**

Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.

### 8

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:**

Use mechanical (general) ventilation for storage areas. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

**Personal Protective Equipment:**

Wear safety glasses with side shields. Wear a full-face respirator, if needed.  
Wear protective gloves.

**Exposure Limits:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

ACGIH TWA 3.5 mg/m3 Respirable dust  
NIOSH TWA 10 mg/m3 Total dust  
5 mg/m3 Respirable fraction



**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with eyes and skin.  
Routinely wash work clothing and protective equipment to remove contaminants.



## GW1-W5C

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White to off-white	<b>Odor:</b>	Odorless
<b>Physical State:</b>	Powder		
<b>Spec Grav./Density:</b>	Not determined	<b>Solubility:</b>	Soluble
<b>Viscosity:</b>	Not applicable	<b>Freezing/Melting Pt.:</b>	Not applicable
<b>Flammability:</b>	Not applicable	<b>Flash Point:</b>	Non-combustible
<b>Vapor Pressure:</b>	Not applicable	<b>Bulk Density:</b>	Not determined
<b>Evaporation Rate:</b>	Not applicable	<b>Auto-Ignition Temp:</b>	Not determined

### 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid Identification:</b>	Contact with incompatible materials. Avoid dispersal of dust formation.
<b>Materials to Avoid Identification:</b>	Acids. Strong Oxidizing Agents.
<b>Hazardous Decomposition:</b>	Oxides of nitrogen, carbon, sodium, phosphorous
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

- Inhalation** Inhalation of dusts may cause respiratory irritation. Prolonged inhalation may be harmful.
- Skin contact** Dust or powder may irritate the skin.
- Eye contact** Dust in the eyes will cause irritation.
- Ingestion** Expected to be a low ingestion hazard.

#### Acute toxicity

	<b>Oral LD50 mg/kg</b>	<b>Inhalation dust/mist LC50 mg/l 4hr</b>	<b>Dermal LD50</b>
Sodium nitrite, 7632-00-0	88(Rat)	5.5(Rat)	>2000(Rabbit)
Sodium carbonate, 497-19-8	2800(Rat)	2.3(Rat)	>2000(Rabbit)

**ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with the skin or eyes. The symptoms of overexposure are described in the following paragraphs.

#### ACUTE:

- INHALATION:** May cause irritation
- CONTACT WITH SKIN:** May cause irritation
- EYE CONTACT:** Irritating
- INGESTION:** Ingestion of large quantities may cause abdominal cramps, nausea, vomiting, diarrhea

#### Reproductive toxicity

Not expected to cause reproductive or developmental effects.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

None of the ingredients are considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:** May cause eye and/or respiratory irritation.

**SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:** Data not sufficient for classification.

### 12 ECOLOGICAL INFORMATION



**GW1-W5C**

**Ecotoxicity**

No specific data available on this product. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistency and degradability**

No data available.

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**13 DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all applicable local, state and federal regulations  
 Collect all waste in suitable and labeled containers and dispose according to local legislation.  
 Do not re-use empty containers.

**14 TRANSPORT INFORMATION**

DOT, IATA, IMDG:

Not regulated

**15 REGULATORY INFORMATION**

**TSCA** All components are on the Inventory list

**US federal regulations**

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Does not have any components that would be expected to exceed a RQ.

Sodium nitrite RQ = 100 lbs

**SARA 304 Emergency release notification**

Does not have any components that would reasonably exceed a RQ.

Ethylene oxide RQ = 10 lbs

**SARA 311/312 Hazard classes**

Skin corrosion or irritation

Serious eye damage or irritation

Acute toxicity

Oxidizer (liquid, solid or gas)

**SARA 302 Extremely hazardous substance**

Not listed.



## GW1-W5C

### SARA 313 (TRI reporting)

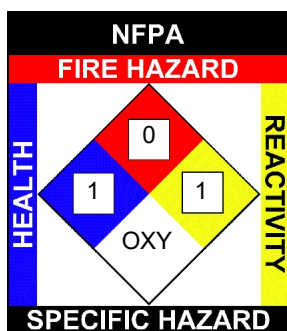
This product does not contain any chemical components with known CAS numbers that would be expected to exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Sodium nitrite, ethylene oxide, ethylbenzene

16

### OTHER INFORMATION

NFPA: Health = 1, Fire = 0, Reactivity = 1, Specific Hazard = OXY



This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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