

**SECTION 1: Product and company identification**

Product name : Deodorant Granules  
 Use of the substance/mixture : Absorbent  
 Deodorant  
 Product code : 0560  
 Company : Total Solutions  
 P.O. Box 240014  
 Milwaukee, WI 53224 – USA Milwaukee, WI 53224 - USA  
 T 800-743-6417 (414) 354-6417  
 Emergency number : Chemtrec: (800) 424-9300

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GHS-US classification**

Carc. 1A H350  
 STOT RE 1 H372

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger  
 Hazard statements (GHS-US) : May cause cancer (Inhalation)  
 Causes damage to organs (lungs) through prolonged or repeated exposure (Inhalation)  
 Precautionary statements (GHS-US) : Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Do not breathe dust.  
 Wash thoroughly after handling  
 Do not eat, drink or smoke when using this product.  
 Wear eye protection, protective clothing, protective gloves.  
 If exposed or concerned: Get medical advice/attention.  
 Get medical advice/attention if you feel unwell.  
 Store locked up.  
 Dispose of contents/container to comply with local/regional/national/international regulations.

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS US)**

Not applicable

**SECTION 3: Composition/Information on ingredients**

**3.1. Substances**

Not applicable

Full text of H-phrases: see section 16

**3.2. Mixtures**

Name	Product identifier	%	GHS-US classification
Crystalline Silica	(CAS-No.) 14808-60-7	< 10.0	Carc. 1A, H350 STOT RE 1, H372
Cherry Fragrance Mixture	(CAS-No.) Proprietary	0.5 - 1.5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

First-aid measures general : IF exposed or concerned: Get medical advice/attention.  
 First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

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First-aid measures after skin contact	: Rinse skin with water/shower.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth with water. Do NOT induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause cancer (Inhalation of dust). Causes damage to organs (Lungs.) through prolonged or repeated exposure (Inhalation).
Symptoms/effects after inhalation	: May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Gastrointestinal complaints.
Chronic symptoms	: This product contains crystalline silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Non-flammable.  
Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

#### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Take account of environmentally hazardous firefighting water.  
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 : Evacuate area.

##### 6.1.1. For non-emergency personnel

Protective equipment : Gloves. Protective goggles. Protective clothing.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.  
Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation. Stop dust cloud by humidifying with water. On land, sweep or shovel into suitable containers. Clean contaminated surfaces with a soap solution.

#### 6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open the container with care. Obtain special instructions before use. Ensure good ventilation of the work station. Use only outdoors or in a well-ventilated area.  
Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.  
Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Store locked up.

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Incompatible products	: turpentine. Hydrofluoric Acid. Vegetable oil and other unsaturated organic compounds (such as fish oil), as this may generate heat and/or a fire.
Storage area	: Store in a cool area. Store in a dry area. Store in a well-ventilated place.
Special rules on packaging	: Keep only in original container. meet the legal requirements.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Crystalline Silica (14808-60-7)		
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.1
OSHA	Remark (OSHA)	(3) See Table Z-3.

Cherry Fragrance Mixture (Proprietary)	
Not applicable	

#### 8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



Environmental exposure controls	: Avoid creating or spreading dust.
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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Green granules.
Odor	: Cherry
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)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
VOC content	: < 1 %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer (Inhalation).

#### Crystalline Silica (14808-60-7)

IARC group	1 - Carcinogenic to humans
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Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Causes damage to organs (lungs) through prolonged or repeated exposure (Inhalation).
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Gastrointestinal complaints.
Chronic symptoms	: This product contains crystalline silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.
Likely routes of exposure	: Skin and eye contact;Inhalation

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to comply with local/regional/national/international regulations.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT : Not regulated for transport

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

UN-No. (IATA) : Not regulated for transport

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### SECTION 15: Regulatory information

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

**⚠ WARNING**

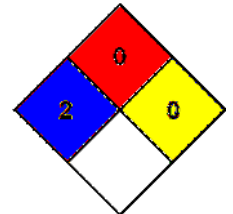
This product can expose you to Crystalline Silica, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### SECTION 16: Other information

Full text of H-phrases:

H226	Flammable liquid and vapor
H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure

- 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 : 0 - Material that in themselves are normally stable, even under fire conditions.



Prepared by: Technical Department

*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. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.*