



# Safety Data Sheet

Revision Date: 22-Feb-2023

Revision Number: 3

## 1. Identification

**Product Name:**  
SweetRight H/S Oil Roast

**Product Code:**  
MILLING-115871

**Use of the Substance / Preparation:**  
Food Ingredient.

**Supplier:**  
ADM Stanley  
105 McKnight Street  
Stanley, WI 54768  
Phone Number: 715-644-5872

**Emergency response telephone number:**  
Chemtrec 1-800-424-9300 (CCN 1635)

## 2. Hazard(s) identification

### Emergency Overview

May form combustible dust concentrations in air (during processing and handling). Product dust may cause mild, mechanical irritation. Contains wheat and may trigger an allergic reaction.

**Appearance**  
Light yellow

**Physical State**  
Powder

**Odor**  
Sweet

**Classification according to 29 CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (GHS):**

OSHA Defined Hazard(s) Combustible Dust

HPR Defined Hazard(s) Combustible Dust

Signal Word: Warning

GHS Hazard Pictogram(s): Note: The combustible dust hazard class does not have an assigned pictogram.

Hazard Statement(s): May form combustible dust concentrations in air.

## 3. Composition/information on ingredients

## 4. First-aid measures

### Description of first aid measures

**Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids.

**Skin Contact** Wash off with warm water and soap.

**Inhalation** Move to fresh air.

**Ingestion** Clean mouth with water and afterwards drink plenty of water.

**General Advice** When symptoms persist or in all cases of doubt seek medical advice. Contains wheat, and may trigger an allergic reaction.

### Most important symptoms and affects, both acute and delayed

**Eyes** Contact with eyes may cause mechanical irritation.

**Skin** Product dust may cause mild, mechanical irritation.

**Inhalation** Dust may cause irritation of respiratory tract.

**Ingestion** Health injuries are not known or expected under normal use.

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

**Notes to Physician** Special forms of treatment and immediate medical attention are not specified. Treat Symptomatically.

## 5. Fire-fighting measures

### Flammable Properties

As with most organic solids, combustion is possible at elevated temperatures or by contact with an ignition source. Fine dust dispersed in air may ignite. Risk of ignition followed by flame propagation or secondary explosions should be prevented by avoiding accumulation of dust, e.g. on floors and ledges.

### Extinguishing media

**Suitable Extinguishing Media** Water. Foam. Carbon dioxide (CO<sub>2</sub>). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Avoid using an extinguishing method, such as a hose stream, that will cause dust to become suspended in the air.

### Special hazards arising from the substance or mixture

**Hazardous Combustion Products** Carbon oxides.

**Specific Hazards Arising from the Chemical** None known.

**Sensitivity to mechanical impact** No information available.

**Sensitivity to static discharge** Yes. (as dust).

### Advice for fire-fighters

**Protective Equipment and Precautions for Firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### NFPA

**Health** 0

**Stability and Reactivity** 0

**Flammability** 1

**Physical hazard** None known



## 6. Accidental release measures

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use appropriate personal protective equipment. Avoid dust formation and accumulation.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and Materials for Containment and Cleaning Up

Sweep up or vacuum up using spark-free earthed vacuum cleaner.

## 7. Handling and storage

### Handling

Ensure adequate ventilation. Avoid dust formation in confined areas. Fine dust dispersed in air may ignite. Keep away from open flames, hot surfaces and sources of ignition. Refer to NFPA 61, "Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities".

### Storage

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

## 8. Exposure controls/Personal protection

### Exposure Limits

Where exposure limits have not been established for specific components of this material, please observe the OSHA and ACGIH established limits for particulates not otherwise classified (PNOC). OSHA PEL: [15 mg/m<sup>3</sup> (total dust) 8-hr TWA], [5 mg/m<sup>3</sup> (respirable) 8-hr TWA]. ACGIH TLV: [10 mg/m<sup>3</sup> (inhalable) 8-hr TWA], [3 mg/m<sup>3</sup> (respirable) 8-hr TWA].

Chemical Name	ACGIH TLV	OSHA PEL	Mexico	NIOSH
Sugar	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> (VLE-PPT)	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Wheat starch	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> (VLE-PPT)	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

### Biological Limit Values

No biological limit values have been listed for the component(s) of this product.

### Appropriate Engineering Controls

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

### Personal Protective Equipment

#### Eye/face Protection.

If exposed to airborne dust, safety goggles are recommended.

#### Skin and Body Protection

Protective clothing and gloves may be worn to reduce the potential of mechanical irritation. Also take into consideration the specific local conditions under which the product is used.

#### Respiratory Protection

If exposed to airborne dust, use appropriate NIOSH approved (or equivalent) respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Appropriate respiratory protection should be selected by a qualified person and should be based upon a risk assessment of the work activities and exposure levels.

## 9. Physical and chemical properties

### Appearance

Light yellow

### Physical State

Powder

### Odor

Sweet

### Odor Threshold

No information available

### pH

No information available

### Flash Point

Not applicable (solid)

### Autoignition Temperature

No information available

<b>Boiling point</b>	Not applicable (solid)
<b>Melting/Freezing Point</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Oxidizing Properties</b>	No information available
<b>Water Solubility</b>	Dispersible
<b>Evaporation Rate</b>	Not applicable (solid)
<b>Vapor Pressure</b>	Not applicable (solid)
<b>Vapor Density</b>	Not applicable (solid)
<b>Specific Gravity / Relative Density</b>	No information available
<b>Bulk Density</b>	47-57 lbs./cu.ft.
<b>Partition Coefficient (n-octanol/water)</b>	No information available

## 10. Stability and reactivity

**Reactivity** Stable under recommended use and storage conditions.

**Stability** Stable under normal conditions.

**Possibility of Hazardous Reactions** None under normal processing.

**Conditions to Avoid** Heat, flames and sparks. Avoid dust formation.

**Incompatible Materials** No materials to be especially mentioned.

**Hazardous Decomposition Products** Thermal decomposition may lead to release of. Carbon oxides.

## 11. Toxicological information

### Information on toxicological effects

<b>Acute toxicity</b>	Based on available data, no evidence of acute toxicity.			
<b>Chemical Name</b>	<b>Weight %</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Sugar	75-80%	29700 mg/kg Rat		
<b>Skin corrosion/irritation</b>	Based on available data, not, or only slightly irritating.			
<b>Serious eye damage/eye irritation</b>	Based on available data, no evidence of serious eye damage / irritation.			
<b>Respiratory or skin sensitisation</b>	Not expected to be a skin or respiratory sensitizer.			
<b>Germ cell mutagenicity</b>	Not classified. Not expected to be mutagenic. None of the significant input ingredients of this mixture have been identified as being mutagenic.			
<b>Carcinogenicity</b>	Based on available data, no evidence of carcinogenicity. No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.			
<b>Reproductive toxicity</b>	Not classified. Not expected to be toxic to reproduction. None of the significant input ingredients of this mixture have been identified as being toxic to reproduction.			
<b>STOT - single exposure</b>	Not classified. No evidence of toxicity.			
<b>STOT - repeated exposure</b>	Not classified. No evidence of toxicity.			
<b>Aspiration hazard</b>	Based on available data, no known aspiration hazard.			

### Potential health effects

<b>Eyes</b>	Contact with eyes may cause mechanical irritation.
<b>Skin</b>	Product dust may cause mild, mechanical irritation.
<b>Inhalation</b>	Dust may cause irritation of respiratory tract.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.

## 12. Ecological information

### Ecotoxicity

Not classified for aquatic toxicity. This product has not been evaluated for eco-toxicological effects.

<b>Persistence/Degradability</b>	No information available
<b>Mobility</b>	Dispersible
<b>PBT and vPvB assessment</b>	No information available.
<b>Other adverse effects</b>	Nothing specific known.

### 13. Disposal considerations

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

<b>Waste Disposal Methods</b>	Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.

### 14. Transport information

#### **Domestic transport regulations (USA)**

**DOT** Not regulated

#### **Domestic transport regulations (Canada)**

**TDG** Not regulated

#### **Domestic transport regulations (Mexico)**

**MEX** Not regulated

#### **International transport regulations**

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

### 15. Regulatory information

#### **International Inventories**

When used as food, as defined by the U.S. Federal Food, Drug, and Cosmetic Act this product is exempt from TSCA listing. When used in approved food, food additive, drug, or cosmetic applications, under the respective regulations of specific countries, this product MAY be exempt from chemical inventory listing.

#### **USA**

##### **Federal Regulations**

##### **Ozone Depleting Substances:**

No Class I or Class II material is known to be used in the manufacture of, or contained in, this product.

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

##### **CERCLA/SARA 103-302**

Sections 103-302 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 103-302.

##### **SARA 311/312 Hazardous Categorization**

Refer to the OSHA hazard classification(s) provided in section 2 of this SDS.

##### **State Regulations**

##### **State Right-to-Know**

No known components subject to "Right-To-Know" legislation in the following States.

#### **Canada**

**(NPRI) Canadian National Pollutant Release Inventory**

No known component is listed on NPRI.

**16. Other information**

**Prepared By:** ADM - Product Regulatory Affairs  
**Revision Date:** 22-Feb-2023  
**Revision Number:** 3  
**Reason for revision:** Revised product name. This version replaces all previous versions.

**Abbreviations and acronyms**

Ceiling - Ceiling Limit Value: Concentrations that should never be exceeded at any given time (instantaneous)  
CAS - Chemical Abstract Service  
DNEL - Derived No Effect Level  
ACGIH TLV - American Conference of Governmental Industrial Hygienists Threshold Limit Values  
DOT - U.S. Department of Transportation  
A1 - Known Human Carcinogen  
A2 - Suspected Human Carcinogen  
A3 - Animal Carcinogen  
Delisted - Substances Delisted from Report on Carcinogens  
IARC - International Agency for Research on Cancer  
GHS - Globally Harmonized System of Classification and Labelling of Chemicals  
Group 1 - Carcinogenic to Humans  
Group 2A - Probably Carcinogenic to Humans  
Group 2B - Possibly Carcinogenic to Humans  
Known - Known Carcinogen  
IDLH - Immediately Dangerous to Life or Health  
Skin notation - Potential for cutaneous absorption  
OECD - Organisation for Economic Co-operation and Development  
PNEC - Predicted No-Effect Concentration  
NTP - National Toxicology Program  
LD50 - Median lethal dose of a given test population  
LC50 - Lethal concentration that produces fatalities in 50% of a given test population  
NFPA - National Fire Protection Association  
OSHA - Occupational Safety & Health Administration  
OSHA PEL - Occupational Safety and Health Administration Permissible Exposure Limits  
NIOSH - National Institute of Occupational Safety and Health  
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen  
Present - Carcinogen or potential carcinogen to be identified under OSHA's Hazard Communication Standard  
NOAEL - No Observed Adverse Effect Level  
TWA - Time Weighted Average: Average concentration that should not be exceeded during a work day (usually 8-hours)  
STEL - Short Term Exposure Limit: Concentrations that should not be exceeded except for short periods of time ( usually 15-minutes)  
TSCA - Toxic Substances Control Act, Section 8(b) Inventory (USA)  
STOT - Specific Target Organ Toxicity  
STV - Short Term Value (same as STEL)  
Under Consideration - Under Consideration by the National Toxicology Program

**The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

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