



## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Identifier**

**Product Name:** Fry Whiz Deep Fryer Cleaner

**Recommended Use of the Chemical and Restrictions on Use**

**Product Use:** Fryer cleaner compound

**Uses Advised Against:** None identified

**Supplier Information**

**Manufacturer:** The FryOilSaver Company  
141 Cupped Oak Drv, Ste A  
Matthews, NC, 28104  
Phone: +1 980 221 0104

**Production Site:**

Unit Chemical Corporation  
7360 Commercial Way  
Henderson, NV 89011  
702.564.6454 Office

**Information Phone:** Product Safety Department: 980 221 0104

**Product Safety** info@fryoilsaver.com

**Department E-mail:**

**Emergency Telephone Number**

**Emergency Information:** +1 980 221 0104 (office hours only)

**SDS Date of Preparation:** Month: 2 Day: 1 Year: 2022

**Revision:** DGIJ-RG16-1701\_GHS\_SDS\_English\_rev2.3

### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:** Eye Irritant Category 2A  
Skin Irritant Category 2  
Specific Target Organ Toxicity – Single Exposure Category 3 (respiratory irritant)

**Label Elements:**

WARNING

Causes serious eye irritation.



Causes skin irritation.  
May cause respiratory irritation.

#### Prevention

Wash hands thoroughly after handling.  
Avoid breathing dust.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves and eye protection.

#### Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical 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. If eye irritation persists: Get medical attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

#### Storage

Store locked up.

#### Disposal

Dispose in accordance with national and local regulations.

**Other Hazards:** None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	GHS Classification	%
Trisodium phosphate, dodecahydrate	10101-89-0	231-509-8	Eye Irritant Category 2A Skin Irritant Category 2 STOT–SE Category 3 (respiratory irritant)	99
Antifoaming agent	Proprietary	Proprietary	Not classified as hazardous	1

See Section 16 for further information on GHS Classification if applicable.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**Eye:** Flush with plenty of water for at least 15 minutes, holding eyelids open to assure thorough flushing. If contact lenses are present, remove them after the first 5 minutes if easy to do and continue flushing. Obtain medical attention if irritation persists.

**Skin:** Wash with soap and water for 15 minutes. Remove any contaminated clothing and wash it before reuse. Get medical attention if irritation develops.

**Inhalation:** If irritation develops, remove person to fresh air. Get medical attention if irritation persists.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. If person is alert, have them rinse their mouth with water. Get medical attention.

#### Most Important symptoms and effects, both acute and delayed:

Causes eye, skin and respiratory irritation. Irritation may be more severe if skin is wet. Ingestion may cause abdominal cramps and diarrhea.

**Indication of any immediate medical attention and special treatment needed:** Medical attention is recommended if irritation persists after flushing. Ingestion of large quantities of phosphate salts (over



1.0 grams for an adult) may cause an osmotic catharsis resulting in diarrhea and probably abdominal cramps. Larger doses such as 4-8 grams will almost certainly cause these effects to everyone. In healthy individuals most of the ingested salt will be excreted in the feces with the diarrhea and will not cause any systemic toxicity. Doses greater than 10 grams hypothetically may cause systemic toxicity. Sodium phosphate salts have a hypothetical risk of hypernatremia, so sodium levels should be monitored.

## SECTION 5: FIRE FIGHTING MEASURES

### Extinguishing Media:

Use any extinguishing media that is suitable for the surrounding fire.

### Specific Hazards Arising from the Chemical

**Unusual Fire and Explosion Hazards:** This material is not combustible and presents no fire hazard.

**Hazardous Combustion Products:** None.

### Special Protective Equipment and Precautions for Fire-Fighters:

None required. Use procedures and equipment appropriate for other materials in the fire area.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear appropriate protective equipment. Avoid creating and breathing dust. Avoid contact with eyes, skin and clothing.

### Environmental Precautions:

Avoid release to the environment. Report releases as required by local and national authorities.

### Methods and Material for Containment and Cleaning Up:

Sweep or vacuum spilled material and place in a suitable container. Clean up residual material by washing with water.

### Reference to Other Sections:

Refer to Section 8 for protective equipment. Refer to Section 13 for disposal guidance.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling:

Avoid contact with the eyes, skin and clothing. Avoid creating and breathing dust. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and launder before reuse.

### Conditions for Safe Storage, Including any Incompatibilities

Keep containers dry. Store in tightly closed containers in an area that is cool, dry, well-ventilated, and away from foodstuffs or animal feed.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits:

Chemical Name	Exposure Limits
Trisodium phosphate, dodecahydrate	5 mg/m <sup>3</sup> Ceiling AIHA WEEL
Antifoaming agent	None Established

Refer to local regulations for specific requirements.

#### Exposure Controls:

**Engineering Controls:** Use with adequate general or local ventilation to maintain exposure levels below the exposure limits.

**Eye and Face:** Chemical safety goggles recommended.

**Skin:** Impervious gloves such as neoprene or rubber.

**Respiratory:** If the exposure levels are excessive, a local authority approved respirator should be worn. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134 and ANSI Z88.2 or other applicable regulations and standards and good Industrial Hygiene practice.

**Protective Clothing:** Wear protective clothing if needed to avoid skin contact and contamination of personal clothing.

**Work Hygienic Practices:** No special requirements.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Solid	<b>Appearance:</b> White, crystalline granules or powder
<b>Odor:</b> Odorless	<b>Odor Threshold:</b> Not applicable
<b>pH:</b> 12 (1% aqueous solution)	<b>Relative Density:</b> Not determined
<b>Boiling Point:</b> Not applicable	<b>Melting Point:</b> 167° F (75° C)
<b>Vapor Pressure:</b> Not applicable	<b>Water Solubility:</b> 21g / 100g saturated solution @ 25°C
<b>Vapor Density:</b> Not applicable	<b>Evaporation Rate:</b> Not applicable
<b>Viscosity:</b> Not applicable	<b>Pour Point:</b> Not applicable
<b>Flash Point:</b> None	<b>Flammable Limits: LEL:</b> None
<b>Autoignition Temperature:</b> None	<b>Flammable Limits: UEL:</b> None
<b>Percent Volatile:</b> 0%	<b>Flammability (solid/gas):</b> None
<b>Partition Coefficient: n-octanol/water:</b> Not applicable	<b>Decomposition Temperature:</b> None
<b>Explosive Properties:</b> None	<b>Oxidizing Properties:</b> None

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** Moisture.

**Incompatible Materials:** Strong acids and prolonged contact with magnesium, aluminum, tin, lead, or zinc.

**Hazardous Decomposition Products:** Thermal decomposition may generate oxides of sodium and phosphorus.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects:

**Skin Absorption:** No evidence of adverse effects from available information.

**Ingestion:** May cause irritation of the mouth and throat. Ingestion may cause abdominal cramps and diarrhea.

**Inhalation:** May cause irritation of the nose, throat and upper respiratory tract with sneezing, coughing and sore throat.

**Chronic Toxicity:** None known.

**Acute Toxicity Data:**

Trisodium phosphate (parent compound): LD50 oral rat >2000 mg/kg; Monosodium Phosphate: LC50 inhalation rat >0.83 mg/L/4 hr (no deaths)

**Skin corrosion/irritation:** Trisodium phosphate, dodecahydrate: Irritant in rabbits.

**Eye damage/ irritation:** Trisodium phosphate, dodecahydrate: Irritant in rabbits (reversible in 21 days).

**Skin Sensitization:** Not a skin sensitizer based on human experience.

**Respiratory Sensitization:** No data available. Not expected to be a respiratory sensitizer based on human experience.

**Germ Cell Mutagenicity:** Negative in in-vitro assays.

**Carcinogenicity:** No data available. None of the components is listed as a carcinogen or suspected carcinogen by ACGIH, IARC, NTP or OSHA.

**Developmental / Reproductive Toxicity:** In a study with a similar material (dipotassium hydrogen orthophosphate) no adverse effects were observed on reproduction or development in rats at a dose of 1000 mg/kg/day.

**Specific Target Organ Toxicity (Single Exposure):** No data available.

**Specific Target Organ Toxicity (Repeated Exposure):** No data available. No adverse effects expected based on data from similar materials.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Trisodium phosphate, dodecahydrate

Invertebrate: 48-hr EC50 Daphnia magna: >1000 mg/L; Practically Nontoxic  
Warmwater Fish: 96-hr LC50 Bluegill sunfish: 440 mg/L; Practically Nontoxic  
Coldwater Fish: 96-hr LC50 Rainbow trout: 260 mg/L; Practically Nontoxic  
No definitive algal toxicity data was available for this material.

**Persistence and Degradability:**

Biodegradation is not applicable for inorganic substances.

**Bioaccumulative Potential:**

Not expected to bioaccumulate.

**Mobility in Soil:**

No mobility in soil is expected.

**Other Adverse Effects:** None known

## SECTION 13: DISPOSAL INFORMATION

### Waste Treatment Methods



**Disposal Method:** This material when discarded is not a hazardous waste as that term is defined by the Resource, Conservation and Recovery Act (RCRA), 40 CFR 261. Dry material may be landfilled or recycled in accordance with local, state and federal regulations. Dispose in accordance with all local, state and federal regulations.

**Empty Container:** No special handling or disposal is required.

**General Comments:** It is the responsibility of the user of this product to characterize wastes generated to determine if the waste meets the definition of hazardous waste. The product uses, transformations, synthesis, mixtures, etc., may render the resulting end product subject to regulation.

#### SECTION 14: TRANSPORT INFORMATION

	UN Number	UN Proper Shipping Name	Transport Hazard Class(s)	Packing Group	Environmental Hazards
US DOT	None	Not regulated in packages weighing less than 5000 lbs.	None	None	RQ=5000 lbs
EU ADR/RID	None	Not regulated	None	None	Not applicable
IMDG	None	Not regulated	None	None	Not applicable

**Special Precautions for User:** None

#### SECTION 15: REGULATORY INFORMATION

##### Safety, Health and Environment Regulations:

##### US Regulations:

**EPA SARA 311/312 Hazard Classification:** Acute Health

**EPA SARA 313:** This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

**Protection Of Stratospheric Ozone:** This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

**CERCLA Section 103:** This product has a reportable quantity of 5000 lbs. Release of more than 5,000 pounds of this product to the environment in a 24-hour period requires notification to the National Response Center (800-424-8802 or 202-426-2675). Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**California Proposition 65:** This product is not known to contain chemicals regulated under Proposition 65.

##### Canadian Regulations:

**Canadian WHMIS:** Class D-2-B.

This product has been classified in accordance with the hazard criteria in the CPR and the MSDS contains all the information required by the CPR.

##### Chemical Inventories:



**US TSCA** All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or are exempt.

**Canadian CEPA:** All of the components are listed on the Canadian DSL or are exempt.

## SECTION 16: OTHER INFORMATION

### GHS/CLP Hazard Classes and Statements for Reference (See Sections 2 and 3):

STOT SE 3 = Specific Target Organ Toxicity Single Exposure Category 3

**SDS Date of Preparation:** Month: 2 Day: 1 Year: 2022

**Revision History:** Section 1 Manufacturer

### References:

- A. NLM ChemID Plus Database
- B. REACH Registration for Trisodium Orthophosphate
- C. NLM Hazardous Substances Databank

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