



W. F. Leonard Co., Inc  
111 West Main Street • Meriden, Kansas 66512 • 1.785.484.3342  
shurfoot@shurfoot.net • www.shurfoot.net

## SAFETY DATA SHEET

RED ALERT DENATURANT

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifiers: Red Powdered Denaturant  
Product Name: Red Alert Denaturant  
Product Number: RED 10  
Color Index Name: Food Red 14  
C.I.No: 45430  
CASnumber: 16423-68-0  
Formula/Chemical Family: C<sub>20</sub>H<sub>6</sub>14Na<sub>2</sub>O 5.H<sub>2</sub>O. :Disodium salt of 9-(o-carboxyphenyl)-6-hydroxy-2,4,5,7-tetraiodo-3-isoxanthone monohydrate  
Intended Use of the Product: Food, drug and cosmetic color additive  
Synonyms:  
Name: W.F. Leonard Co. Inc.  
Address: 111 West Main st.  
Meriden, KS 66512  
Telephone: 785 484 3342

### SECTION 2: Hazards identification

Classification of the substance or mixture:

GHS-US Classification: Acute toxicity- inhalation (Cat 5)  
Eye damage/irritation (cat 2B)  
Acute toxicity-oral (cat 5)

GHS Labelling:

Hazard Pictograms (GHS-US): No Symbol  
Signal Word (GHS-US): Warning  
Hazard Statements (GHS-US): H333 - May be harmful if inhaled  
H320 - Causes eye irritation  
H303 - May be harmful if swallowed  
Precautionary Statements (GHS-US): P304 + P312 - IF INHALED OR SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.  
P305 + 351 + P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice attention  
P264 - Wash face thoroughly after handling.  
Other Hazards: No data available  
Unknown acute toxicity (GHS US): No data available  
Hazardous ingredients: None

### Section 3: Composition/Information on Ingredients

Substances

Name	Weight %	Product Identifier CAS No.	GHS-US classification
FD&C Red no.3	100	16423-68-0	Acute toxicity- inhalation (Cat 5) Eye damage/irritation (Cat 2B) Acute toxicity oral (Cat 5)



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## Section 4: First aid measures

### Description of necessary First aid measures

First Aid Measures General: Remove contaminated clothing

Eye Contact: Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen and get immediate medical attention.

Skin Contact: Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.

Ingestion: Induce vomiting- seek immediate medical attention.

### Most Important Symptoms/effects, acute and Delayed

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY HAZARDOUS COMMUNICATION STANDARD. HOWEVER, AS WITH ALL CHEMICAL; HANDLE WITH CARE AVOID EYE & SKIN CONTACT, AVOID INHALATION OF DUSTS OR VAPORS. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINERS CLOSED.

### Indication of immediate medical attention and special treatment needed, if necessary

No additional information.

## Section 5: Fire-fighting measures

### Extinguishing media

Suitable extinguishing media: WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM

Unsuitable extinguishing media:

Special hazards arising from the substance or mixture: NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

Fire Hazard: N/ A

Explosion Hazard: N/ A

Reactivity: N/ A

### Advice for firefighters

Firefighting Instructions: WEAR SELF-CONTAINED BREATHING APPARATUS.

Protection during firefighting: Wear fully protective suit.

## section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

General Measures: Remove persons from danger area.

### For non-emergency personnel

Protective equipment:

Emergency procedures: No additional information

### For emergency responders

Protective equipment: See Section 8 for information on personal protection equipment.

Emergency procedures: No additional information

Environmental precautions: Avoid any uncontrolled release of material. Do not empty into drains or the aquatic environment.



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#### Methods and materials for containment and deaning up

**For containment:** Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers.

**For deaning up:** Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

Reference to other sections: No additional information available.

### section 7: Handling and storage

#### Precautions for safe handling

Additional hazards when processed: N/A  
Precautions for safe handling:  
Hygiene measures: N/A

#### Precautions for safe handling

**Technical measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.  
**Storage conditions:** Above is offered as a guide. Consult title 21, Code of Federal Regulations (CFR) as the authoritative source should questions arise. (parts 1-99) Color additive Regulations are updated each year as of April 1.  
**Incompatible products:** Keep away from heat. Keep away from sources of ignition.  
**Incompatible materials:**  
**Storage area:** Keep away from strong oxidizing and reducing agents  
**Special rules on packaging:** None  
**Specific end use(s):** Cosmetics and cosmetic-related products

### Section 8: Exposure controls/personal protection

#### Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

#### Exposure controls

Appropriate engineering controls: The usual precautionary measures are to be adhered to when handling chemicals.

#### Individual protection measures

**Hand protection:** Wear protective gloves  
**Eye protection:** Tightly sealed safety goggles or full face shield  
**Skin and body protection:** Wear suitable protective clothing  
**Respiratory protection:** Dust Mask  
**Thermal hazard protection:**  
**Other information:** No additional information



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## Section 9: Physical and chemical properties

### Appearance

Physical state: Solid  
Color: Red  
Odor:  
appearance: Fine powder  
Odor threshold: No data  
pH: 5-9  
Melting Point/Freezing Point: ND  
Initial boiling point/boiling range: 0.00  
Flash point: NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.  
Evaporation rate: No data  
Flammability (solid, gas): NORMALLY ST ABL E, NOT COMBUSTIBLE NOR FLAMMABLE.  
Upper explosive limits: N/A  
Lower explosive limits: N/A  
Vapor pressure: ND  
Vapor density: ND  
Relative density: n/a  
Solubility in water: Insoluble  
Partition coefficient n-octanol/ water: No data  
Auto-ignition temperature:  
Decomposition temperature: No data  
Viscosity, dynamic: No data  
Viscosity, cinematic: No data  
Explosive properties: N/A  
Oxidizing properties: N/A

### Other information

No additional information available

## Section 10: Stability and reactivity

Reactivity: No data  
Chemical stability: Stable  
Possibility of hazardous Reactions: No additional information available  
Conditions to avoid: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.  
Incompatible materials: OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.  
Hazardous decomposition products: CO, CO<sup>2</sup>, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

## Section 11: Toxicological information

### Information on toxicological effects

Oral (Animal): NO DATA AVAILABLE.  
Dermal (animal): NO DATA AVAILABLE.  
Effects to eyes (Animal): NO DATA AVAILABLE.  
Skin irritation (Animal): NO DATA AVAILABLE.  
  
Skin corrosion/irritation: Not classified  
Serious eye damage/irritation: Causes serious eye irritation.



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Respiratory or skin sensitization: Not classified  
Germ cell mutagenicity: Not classified  
Carcinogenicity: Not classified  
Reproductive toxicity: Not classified  
Specific target organ toxicity (single exposure): May cause drowsiness or dizziness.  
Aspiration hazard: Not classified  
Symptoms/injuries after inhalation: May cause drowsiness or dizziness.  
Symptoms/injuries after eye contact: causes serious eye irritation.  
Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

## Section 12. Ecological information

Toxicity: NO DATA AVAILABLE.  
Persistence and degradability: NO DATA AVAILABLE.  
Bioaccumulative potential: NO DATA AVAILABLE.  
Mobility In soil: NO DATA AVAILABLE.  
Other adverse effects: No additional information available

## Section 13. Disposal considerations

### Waste treatment methods

Regional legislation (waste): Dispose of only in an approved land-fill area or by controlled incineration in accordance with local and State regulations.  
Waste disposal recommendations: Empty bags thoroughly. Carry out the proper recycling, re-usage or disposal. Please refer to the relevant EU regulations, in particular the guidelines/ decisions of the council regarding handling of wastes (e.g. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) as implemented in national regulations.

## Section 14: Transport information

UN number: None  
UN proper shipping name: None

### Department of Transportation (DOT)

Transport hazard class(es): N/A  
Hazard labels (DOT):  
Packing group (DOT): N/ A  
Special provisions: N/ A

Overland transport: NONE  
Transport by sea: NONE  
Air transport: NONE  
DOT Quantity Limitations Passenger Aircraft: No additional information  
DOT Quantity Limitations Cargo Aircraft: No additional information



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**Section 15: Regulatory information**

U.S. Federal regulations: This substance is listed on United States TSCA (Toxic Substance Control Act) inventory.  
 US State regulations: None  
 Other regulations:

Chemical Identity	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
45430	X	-	-	240-474-8	-	-	-	-	-	-

TSCA Status: IN COMPLIANCE  
 E C Classification: E-127  
 EINECS Number: 240-474-8  
 REACH Classification:  
 R-phrases:  
 Additional Regulatory Information: 21 CFR 74.FD&C RED N0.3  
 Drugs: ...may be safely used for coloring externally applied drugs in amounts consistent with good manufacturing practice.  
 21 CFR 74.2334 FD&C RED N03  
 Cosmetics: ...may be safely used for coloring externally applied cosmetics in amounts consistent with good manufacturing practice.

**Section 16: Other information**

Indication of changes: N/A  
 Other Information: N/A  
 NFPA Rating: N/A  
 Issue Date: 01/01/2020  
 Revision Date: 10/01/2025

GHS Full Text Phrases:

H333: May be harmful if inhaled  
 H320: Causes eye irritation  
 H303: May be harmful if swallowed

HEALTH	0
FLAMMABILITY	0
Reactivity	0
Personal Protection	D

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.