



<b>MSDS Date</b>	January 1, 2017
<b>MSDS NUMBER</b>	RWS1

## MATERIAL SAFETY DATA SHEET

### Section I – Product and Company Information

**Product Name:** Repour™, Repour™ WineSaver  
**Product Use:** Oxygen absorber  
**Grades:** Oxygen absorber for food applications  
  
**Synonyms:** Oxygen absorber, Oxygen Scavenger  
**Company:** AVEX LLC (DBA Repour)  
**Street Address:** 5001 1<sup>st</sup> AVE SE STE 105-277  
**City, State, Zip:** Cedar Rapids, IA 52411, USA  
  
**Telephone Number:** 319-449-3345  
**Fax Number:** 319-449-3688  
**Website / E-Mail :** www.repour.com

### Section II – Hazard Identification

**Emergency Overview:** A packet containing black powder that poses little or no immediate hazard. This material is not combustible.

**Potential Health Effects:**

**Eyes:** None

**Skin:** None

**Ingestion:** Ingestion is unlikely, but if ingested blockage may occur. Get medical attention.

**Inhalation:** None

**Medical Effects Generally Aggravated by Exposure:** None

**Chronic Effects/Carcinogenicity:** None

### Section III – Composition / Information on Ingredients

Component Name	CAS Number	% by Weight
Proprietary iron based oxygen absorbing blend	7439-89-6	100
While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product. This product and its ingredients are listed as uncontrolled in the WHMIS disclosure list. Transport Canada Product Identification Number – Unlisted.		

## Section IV – First Aid Measures

**Eyes:** Rinse the eyes well with water while lifting the eye lids. If irritation persists, consult a physician.

**Skin:** Wash affected area with soap and water.

**Ingestion:** Ingestion is unlikely, but if ingested blockage may occur. Get medical attention.

**Inhalation:** Remove the affected person to fresh air and get medical attention if necessary.

**Notes to Physician:** Not applicable

## Section V – Fire Fighting Measures

**Flammable Properties:** Not flammable

**Flash Point:** Not applicable      **Method:** Not applicable

**Flammable Limits:** Not flammable

**Lower Flammability Limit:** Not applicable

**Upper Flammability Limit:** Not applicable

**Auto-ignition Temperature:** Not applicable

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, hydrocarbons (packaging materials only).

**Extinguishing Media:** Use extinguishing media that is appropriate for the surrounding fire. The packet is combustible, but the ingredients are not.

**Fire Fighting Instructions:** The packet is combustible, but the ingredients are not. Can be water quenched.

**Unusual Fire and Explosion Hazards:** None

**Explosion Data:** Not sensitive to static discharge.  
Not sensitive to mechanical impact.

## Section VI – Accidental Release Measures

**Spill:** Sweep or vacuum up and place the spilled material in a waste disposal container. Avoid raising dust. Wash with soap and water after handling.

## Section VII – Handling and Storage

**Handling:** Practice good hygienic work practices.

**Storage:** Store in a cool, dry location. Keep in sealed containers away from moisture. If the master pack is left opened and the product is not used, some heat can develop and a metallic, pungent odor may be sensed. Allow reaction to go to completion and then dispose in a landfill.

## Section VIII – Exposure Controls/Personal Protection

**Engineering Controls:** None  
**Respiratory Protection:** None  
**Skin Protection:** None  
**Eye Protection:** None

EXPOSURE LIMITS			
COMPONENT NAME	OSHA PEL	ACGIH TLV	OTHER RECOMMENDED LIMITS
Proprietary Iron based oxygen absorbing blend <i>(There is no exposure to the components as dust or fume)</i>	Not applicable	Not applicable	Not applicable

## Section IX – Physical and Chemical Properties

<b>Appearance:</b> Packet containing a black powder	<b>Vapor: Density:</b> Not applicable
<b>Odor:</b> None	<b>Boiling Point:</b> 2730° C
<b>Physical State:</b> Powder	<b>Melting Point:</b> Not known
<b>PH:</b> Between 8-10	<b>Solubility:</b> Insoluble in water
<b>Vapor Pressure:</b> Not applicable	<b>Specific Gravity:</b> Not known
<b>Evaporation Rate:</b> Not applicable	<b>Odor Threshold:</b> None
<b>Coefficient of water / oil distribution:</b> Not applicable	<b>Auto-ignition Point:</b> Not applicable
<b>Flammable:</b> Not applicable	<b>Flammable Limits:</b> Not applicable
<b>Flash Point:</b> Not applicable	

## Section X – Stability and Reactivity

**Stability:** Stable  
**Conditions to avoid:** Moisture  
**Incompatibility:** Water  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur

## Section XI – Toxicological Information

*(The following toxicological information refers to the content of the packet. In normal use there is no exposure to the contents.)*

This product and its components are not listed on the IARC, NTEP or OSHA Carcinogen Lists.

The one Repour™ WineSaver component with specific toxicity is Iron. Iron Powder is not considered a hazardous material, and the iron used in these products is food grade. The United States Consumer Products Safety Commission has reported that “The minimum toxic and lethal doses of iron are not well defined. Generally, doses of elemental iron from 20-60 milligrams per kilogram (mg/kg) of body weight may produce mild symptoms of poisoning, 60 mg/kg is the minimal dose for serious toxicity, and approximately 180 to 250 mg/kg is considered a lethal dose. However, fatalities of young children have been reported at lower doses”.

## Section XII – Ecological Information

Not known to have any adverse effect on the aquatic environment. The product is insoluble and non-toxic.

## Section XIII – Disposal Information

**Disposal Information:** If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose in a landfill according to federal, state and local regulations.

## Section XIV – Transportation Information

**U.S. Department of Transportation Shipping Name:** Not classified as a hazardous material. Not regulated.

**Transport Canada Product Identification Number:** Not classified as a hazardous material. Not regulated.

## Section XV – Regulatory Information *(Not meant to be all inclusive - selected regulations represented)*

*(The following regulatory information refers to the content of the packet. In normal use there is no exposure to the contents.)*

**TSCA Listed:** The ingredients are listed.

**OSHA:** See section 8 above.

**NIOSH:** See section 8 above.

**EPA:** This product contains no toxic chemicals in excess of the applicable de minimis concentration.

**ACGIH:** See section 8 above.

**Food Chemical Codex:** The ingredients are approved for functional use in foods.

**DOT:** Not classified as a hazardous material.

## Section XVI – Other Information

This MSDS was prepared by: Thomas Lutz