



**HARWICK**  
S T A N D A R D

*Safety Data Sheet*  
**STAN-MIX™ RED LEAD 85**

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## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT IDENTIFIER: STAN-MIX™ RED LEAD 85

#### Other means of identification

**Product Description:** An 85% Red Lead Oxide Dispersed in Paraffinic Oil

**Recommended use and restrictions on use:** Do not use for any other purpose than what is intended.

#### Supplier information:

##### Manufactured for and supplied by:

**Supplier:** Harwick Standard Distribution Corporation

**Supplier Address:** 60 S. Seiberling Street, Akron, OH 44305

**Contact:** Health, Safety & Environment

**Telephone:** 330-798-9300

**Website:** [www.harwick.com](http://www.harwick.com)

## SECTION 2 – HAZARD(S) IDENTIFICATION

#### Classification of the Substance or Mixture

Material is considered hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Reproductive Toxicity, Category 1A

Carcinogenicity, Category 1B

Specific Target Organ Toxicity-repeated exposure, Category 1

Acute Toxicity, Oral, Category 4

Acute Toxicity, Inhalation, Category 4

Aquatic Toxicity, Category 1

#### GHS Label Elements

##### Hazard symbol:



**Signal word:** Danger



### Hazard statements:

May damage fertility or the unborn child.  
Causes damage to organs through prolonged or repeated exposure.  
May cause cancer.  
Harmful if swallowed or if inhaled.  
Very toxic to aquatic life with long lasting effects.

### Precautionary Statements:

#### Prevention:

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.

#### Response:

IF exposed or concerned: Get medical advice/attention.  
Get medical advice/attention if you feel unwell.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. DO NOT induce vomiting.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Storage:

Store locked up.

#### Disposal:

Dispose of contents/container in accordance with local/regionally/national/international regulations.

**Hazard(s) not otherwise classified (HNOC):** None known.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### Mixture:

Components	Chemical Identity	CAS Number	Weight%
	Lead(II,IV) oxide	1314-41-6	65-90%

## SECTION 4 – FIRST AID MEASURES

**Inhalation:** Remove affected person to fresh air. Seek medical attention if symptoms develop or persist.

**Ingestion:** If swallowed, contact a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.



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**Skin contact:** Remove contaminated clothing. Wash off with soap and water and rinse thoroughly. If skin irritation develops and persists, get medical attention.

**Eye contact:** Remove contact lenses if worn. Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops and persists.

**Most important symptoms/effects, acute and delayed:**

Prolonged exposure may cause chronic effects.

**Indication of immediate medical attention and special treatment needed:**

Provide symptomatic/supportive care as necessary. Treatment based on sound judgment of physician and individual reactions of patient. Keep victim under observation. Symptoms may be delayed.

**General Advice:** IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this Safety Data Sheet to the physician in attendance.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Suitable extinguishing method:** In case of fire, use water spray, foam, or dry chemical.

**Unsuitable extinguishing method:** Do NOT use water jet to fight fire.

**Specific hazards arising from chemical:** During fire, gases hazardous to health may be formed. At elevated temperatures, may produce toxic lead fumes.

**Special firefighting equipment and precautions for firefighters:** Evacuate area. Use water spray to cool fire exposed surfaces. Avoid breathing smoke or fumes. Firefighters should wear a self-contained breathing apparatus (SCBA) operating in positive pressure mode and full protective clothing for combating fires. Do not allow runoff to enter drains or waterways.



## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures:**

Keep unnecessary personnel away. Wear protective equipment specified. See Section 8. Ensure adequate ventilation. Do not breathe mist/vapors. Take up any spilled product by mechanical means and place into sealed containers for proper disposal.

### **Methods and materials for containment and cleaning up:**

Stop the follow material, if this is without risk. Place material in suitable, covered labeled containers for proper disposal. See Section 13 of the SDS.

### **Environmental precautions:**

Avoid discharge into drains, water coursed or onto the ground. Do not allow discharge into the environment-water runoff can cause environmental damage. In the event of a spill or accidental release that cannot be contained, notify the relevant authorities in accordance with all applicable regulations.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective clothing as specified in Section 8. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only with adequate ventilation and personal protection. Promptly remove contaminated clothing. Avoid generating or breathing dust. Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:** Store locked up. Store tightly closed containers in a cool, dry, well ventilated area away from incompatible materials, extreme heat, open flame or sources of ignition. See Section 10.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Occupational Exposure Limits:**

<u>Component Name</u>	<u>CAS#</u>	<u>Regulatory List</u>	<u>Value Type</u>	<u>Value</u>
Lead Oxide II	1314-41-6	Not Available	Not Available	0.05 mg/m <sup>3</sup>

**Appropriate engineering controls:** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Facilities storing or utilizing this material should be equipped with eye wash station(s) and safety shower(s).



## Individual protection measures, such as personal protective equipment:

**Eye/face protection:** Safety glasses with side shields.

**Skin/Hand protection:** Wear impervious gloves to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good laboratory practices. Wash hands with soap and water.

**Body protection:** To protect the body, wear impervious clothing such as coveralls to minimize skin contact. Select protective equipment according to the concentration and amount of the dangerous substance at the specific workplace. Launder contaminated clothing before reuse.

**Respiratory protection:** Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. Wear a NIOSH approved air supplied respirator or when necessary. Respirators should be selected and used in accordance with OSHA, Subpart 1 (29 CFR 1910.134)

**Additional Information:** Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Red paste
<b>Odor:</b>	Petroleum
<b>Decomposition Temperature:</b>	No data available
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Boiling Point/Range:</b>	No data available
<b>Melting Point:</b>	130°F (54.44°C)
<b>Flash Point (°C):</b>	No data available
<b>Flammable/Explosion Limits:</b>	No data available
<b>Specific Gravity:</b>	3.48 - 3.88
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Water Solubility:</b>	Not soluble
<b>Evaporation Rate:</b>	No data available
<b>% Volatile Weight:</b>	10.50%
<b>Partition Coefficient: (n-octanol/water)</b>	No data available
<b>Auto-ignition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Explosive Properties:</b>	No data available



## SECTION 10 - STABILITY & REACTIVITY

**Reactivity:** No specific test data available for this product.

**Chemical stability:** Stable under normal conditions. Stable if protected from heat and exposure to air. Avoid contact with acids and oxidants. Hazardous polymerization will not occur.

**Possibility of hazardous reactions:** Avoid contact with strong oxidizing agents, combustible materials, chemically active metal, aluminum and metallic sodium.

**Conditions to avoid:** Avoid excessive heat. Avoid contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents, strong reducing agents and powdered metals.

**Hazardous decomposition products:** Lead oxide and lead.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Acute Toxicity** Not known. No data available.

**Irritation/Corrosion:**

**Skin:** Prolonged skin contact may cause temporary irritation.  
**Eyes:** Direct contact with eyes may cause temporary irritation.

**Sensitization:**

**Skin:** This product is not expected to cause skin sensitization.  
**Respiratory:** Not a respiratory sensitizer.

**Germ Cell Mutagenicity:** No data available

**Carcinogenicity:** May cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Lead Tetraoxide (CAS 1314-41-6) 2A Probably carcinogenic to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Lead Tetraoxide (CAS 1314-41-6) Reasonably Anticipated to be a Human Carcinogen.

**Reproductive/Developmental Toxicity:** May damage fertility or the unborn child.

**Specific target organ toxicity-single exposure:** Not classified



**Specific target organ toxicity-repeated exposure:** Causes damage to organs through prolonged or repeated exposure.

**Information on likely routes of exposure:**

**Inhalation:** Prolonged inhalation may be harmful.  
**Skin contact:** No adverse effects due to skin contact are expected.  
**Eye contact:** Direct contact with eyes may cause temporary irritation.  
**Ingestion:** Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics:**

Direct contact with eyes may cause temporary irritation.

**Chronic effects:**

Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

Component	Freshwater Algae	Freshwater Fish	Micotox	Water Flea
Lead tetraoxide	Not listed	LC: >56000 mg/L, 96h static (Gambusia Affnis)	Not Listed	Not Listed

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** The toxicological properties have not been fully investigated.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Disposal must in accordance with all applicable local, state and federal regulations and guidelines regarding proper disposal. Do not reuse container for any purpose.



Determine waste classification at time of disposal between the user, the producer and the waste disposal company.

**Waste from residues/unused products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging:** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14 - TRANSPORTATION INFORMATION

### Special Shipping Information

**DOT:**

**UN Number:** UN 3077

**UN Proper Shipping Name:** Environmentally hazardous substance, solid, n.o.s (red lead oxide)

**Transport hazard class:** Class 9

**Packing Group (if applicable):** Packing Group III

**Environmental hazards:** Marine pollutant

## SECTION 15 - REGULATORY INFORMATION

**TSCA Inventory Status:** Chemical components are listed or exempt.

**OSHA Regulatory Status:**

Material is considered hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Lead Tetraoxide (CAS 1314-41-6)

Reproductive toxicity  
Central nervous system  
Kidney  
Blood  
Acute toxicity

**Title III SARA Status:**

**SARA Section 313-Toxic Chemicals**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

<u>Chemical Name</u>	<u>CAS Number/Category</u>	<u>% by wt.</u>
Lead Compounds	N420	90-100%





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**California Proposition 65:**



WARNING: This product can expose you to Lead Tetraoxide, 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**

**Issue date:** 9-6-2023

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