

Issue Date 22-Feb-2010

Revision Date 31-Aug-2017

Version 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

**Product Name** 8-Y-4

### Other means of identification

**Product Code** 1.1.015  
**Synonyms** Pigment Dispersion

### Recommended use of the chemical and restrictions on use

**Recommended Use:** PC23 - Leather tanning dyes, finishing, impregnation and care products; Color additive;  
Water-borne coatings.  
**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Manufacturer Address**  
Leather Refinishing Technologies  
529 Caboose Drive  
Quakertown, PA 18951 USA

### Emergency Telephone Number

**Company Phone Number** (215) 536-0625  
**Emergency Telephone Number** (267) 228-5682

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Label Elements

#### **Emergency Overview**

**Appearance** yellow

**Physical State** Liquid

**Odor** Slight

### Hazards not otherwise classified (HNOC)

Not applicable

### Other information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Pigment Dispersion.  
**Chemical characterization** Mixture.  
**Chemical nature** Pigment Dispersion.

The product contains no substances which at their given concentration, are considered to be hazardous to health.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if symptoms occur. |
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water. Get medical attention if symptoms occur.  |
| <b>Inhalation</b>   | Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately if symptoms occur.  |
| <b>Ingestion</b>    | If sprayed in mouth, rinse mouth with water. Never give anything by mouth to an unconscious person. If swallowed, get medical help or contact a Poison Control Center right away. |

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

**Symptoms** No information available.

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

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable Extinguishing Media** None.

##### Specific hazards arising from the chemical

No information available.

**Hazardous combustion products** Carbon oxides. Nitrogen oxides (NO<sub>x</sub>).

##### Explosion data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

##### 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.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Ensure adequate ventilation.

##### Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow material to contaminate ground water system.

##### Methods and material for containment and cleaning up

**Methods for Containment** Contain spill with inert material (e.g. sand, silical gel, binder).

**Methods for cleaning up** Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling**                      Stir before use.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**                      Keep from freezing. Keep container tightly closed in a dry and well-ventilated place. Store in original container.

**Incompatible Products**                      Strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines**                      This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering Measures**                      Showers  
Eyewash stations  
Ventilation systems. Ensure adequate ventilation, especially in confined areas.

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

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

**Skin and body protection**                      Long sleeved clothing.

**Respiratory protection**                      If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**                      Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                                       |                          |                       |                          |
|---------------------------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical State</b>                 | Liquid                   | <b>Odor</b>           | Slight                   |
| <b>Appearance</b>                     | yellow                   | <b>Odor threshold</b> | No information available |
| <b>Color</b>                          | yellow                   |                       |                          |
| <b>pH</b>                             | 9.3                      |                       |                          |
| <b>Melting point / freezing point</b> |                          | Determined            |                          |
| <b>Boiling Point / Boiling Range</b>  | 100 °C / 212 °F          | Not applicable        |                          |
| <b>Flash Point</b>                    | Not applicable           | Estimated             |                          |
| <b>Specific gravity</b>               | 1.3                      | Determined            |                          |
| <b>Water solubility</b>               | dispersible              |                       |                          |
| <b>Kinematic viscosity</b>            | No information available |                       |                          |
| <b>Dynamic viscosity</b>              | <600 cPs                 | Determined            |                          |
| <b>Explosive properties</b>           | Not applicable           |                       |                          |
| <b>Oxidizing properties</b>           | No information available |                       |                          |

### Other information

**VOC Content (%)**                      0.8%  
**Density**                                      1.3 g/cm<sup>3</sup>

## 10. STABILITY AND REACTIVITY

**Reactivity**

No known effects under normal use conditions

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Do not freeze. Extremes of temperature and direct sunlight.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information** No acute toxicity information is available for this product.

**Component Information****Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |  |
|---------------------------------|--|
| <b>Sensitization</b>            | May cause sensitization of susceptible persons.  |
| <b>Germ cell mutagenicity</b>   | No information available.  |
| <b>Carcinogenicity</b>          | No component of this product present at levels greater than or equal to 0.1% is listed with NTP, IARC or OSHA. |
| <b>Reproductive Effects</b>     | No information available.  |
| <b>STOT - single exposure</b>   | No information available.  |
| <b>STOT - repeated exposure</b> | No information available.  |
| <b>Chronic toxicity</b>         | No known chronic effects based on supplied information.  |
| <b>Neurological Effects</b>     | None known.  |
| <b>Aspiration Hazard</b>        | No information available.  |

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

No data is available on the product itself.

46.865 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

Partition Coefficient (n-octanol/water).

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Waste Disposal Methods**

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****DOT**

Not regulated

**TDG**

Not regulated

**ICAO/IATA**

Not regulated

**IMDG/IMO**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

|   |          |
|---|----------|
| <b>TSCA</b> - United States Toxic Substances Control Act Section 8(b) Inventory         | Complies |
| <b>DSL/NDSL</b> - Canadian Inventories of Domestic and Non-Domestic Chemical Substances | Complies |
| <b>EINECS/ELINCS</b>  | Complies |
| <b>ENCS</b> - Japan Existing and New Chemical Substances                                | Complies |
| <b>IECSC</b> - China Inventory of Existing Chemical Substances                          | Complies |
| <b>KECL</b> - Korean Existing and Evaluated Chemical Substances                         | Complies |
| <b>PICCS</b> - Philippines Inventory of Chemicals and Chemical Substances               | Complies |
| <b>AICS</b> - Australian Inventory of Chemical Substances                               | Complies |

**Legend:****EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/ EU List of Notified Chemical Substances**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

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

|  |    |
|--|----|
| <b>Acute Health Hazard</b>               | No |
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire Hazard</b>                       | No |
| <b>Sudden release of pressure hazard</b> | No |
| <b>Reactive Hazard</b>                   | No |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This product does not contain any chemicals subject to reporting requirements (RQ) of CERCLA (40 CFR 302.4).

**U.S. State Regulations****California Proposition 65**

This product contains one or more substances listed on California Proposition 65.

**State Right-to-Know**

This product does not contain substances subject to state right-to-know regulations.

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

**NFPA**

Health hazards 1

Flammability 0

Instability 0

**HMIS**

Health hazards 1

Flammability 0

Physical hazards 0

**Prepared By**

Regulations Manager

**Issue Date**

22-Feb-2010

**Revision Date**

31-Aug-2017

**Revision Note**

GHS-Classification; Update to Format.

**Disclaimer**

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.

**End of Safety Data Sheet**