

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

Product identifier

Product Name 8-W-3

Other means of identification

Product Code 1.1.014
Synonyms Pigment Dispersion

Recommended use of the chemical and restrictions on use

Recommended Use: Water-borne coatings; Color additive; PC23 - Leather tanning dyes, finishing, impregnation and care products.

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 (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

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

Appearance white

Physical state Liquid

Odor Slight

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None known

Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Chemical name	CAS No.	Weight-%	Trade secret
Titanium dioxide	13463-67-7	30-60	*
Palygorskite	Proprietary	<0.7	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately if symptoms occur.
Ingestion	If sprayed in mouth, rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

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 (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media None.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂).

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	Use personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
Other information	Observe all relevant local and international regulations.

Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain spill with inert material (e.g. sand, silica gel, binder).

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

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Stir before use. Ensure adequate ventilation. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

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

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Titanium dioxide in this product is bound with other components. Harmful exposure to titanium dioxide is not expected from this product as supplied.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silica	-	-	50 mg/m ³

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses with side-shields.

Skin and body protection Suitable protective clothing. 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

Physical state Liquid

Appearance	white	Odor	Slight
Color	white	Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ • Method</u>
pH	9.5	
Melting point / freezing point	No information available	
Boiling point / boiling range	100 °C / 212 °F	Literary reference
Flash point	No data available	
Specific gravity	1.40	Calculated
Water solubility	dispersible	
Kinematic viscosity	650 cPs	None known
Dynamic viscosity	No information available	
Explosive properties	Not explosive.	
Oxidizing properties	Not an oxidizer	

Other information

Molecular weight	No information available
VOC Content (%)	<1%
Density	1.4 g/cm ³

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.

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 toxicology data are available on this product. The health hazard assessment is based on properties of the components.
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Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity The titanium dioxide in this product is bound with other components. No exposure to titanium dioxide will occur from this product as supplied.

Chemical name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6	-	Group 3	-	-

Legend:*IARC: (International Agency for Research on Cancer)**Group 3 - Not classifiable as to its carcinogenicity to humans*

Reproductive Effects No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Neurological Effects None known.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

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

ATEmix (oral) >5000 mg/kg
ATEmix (dermal) >5000 mg/kg
ATEmix (inhalation-dust/mist) >5 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data is available on the product itself.

Persistence and degradability

No information available.

Bioaccumulation

Partition coefficient. Bioaccumulative potential.

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. Should not be released into the environment.

Contaminated packaging

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

14. TRANSPORT INFORMATION

DOT

Not regulated

TDG

Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory	Complies
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List	Complies
ENCS - Japan Existing and New Chemical Substances	Complies
KECL - Korean Existing and Evaluated Chemical Substances	Complies
PICCS - Philippines Inventory of Chemicals and Chemical Substances	Complies
AICS - Australian Inventory of Chemical Substances	Complies
NZIoC - New Zealand Inventory of Chemicals	Complies

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

Refer to Section 2 of SDS for applicable GHS hazard categories for SARA reporting purposes.

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

WARNING! This product contains a chemical known to the State of California to cause cancer.

State Right-to-Know

Chemical name	New Jersey	Massachusetts	Pennsylvania
Triethanolamine 102-71-6	-	X	X
Silica	-	X	X

16. OTHER INFORMATION

NFPA

Health hazards 1

Flammability 0

Instability 0

HMIS

Health hazards 1

Flammability 0

Physical hazards 0

Prepared By

Regulations Manager

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25-Jan-2010

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05-Sep-2019

Revision Note

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