

# SAFETY DATA SHEET

Date issued : 05/30/2023

SDS number : LXHD

## LuxeCare HD Restorer

### 1. Identification

**Product code:** LXHD

**Product identifier:** LuxeCare HD Restorer

**Product description:** Heavy Duty pH Neutral Floor Cleaner

**Chemical family:** Solvent/Detergent Blend

**Relevant identified uses:** Restore low/no maintenance flooring to its original appearance.

#### Manufacturer / Supplier

MISCO Products Corporation

1048 Stinson Drive

Reading, PA 19605

**Emergency Phone:** 610-926-4106

**Customer Service:** 800-548-4568

**Transportation:** 800-548-4568

#### Emergency telephone number (24 hour)

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. Hazard identification

#### Classification of the substance or mixture

##### Health hazards:

Skin Irritation, Category 2

Eye Irritation, Category 2A

##### Label elements



Exclamation  
mark

**Signal word:** WARNING

#### Hazard statement(s)

H315: Causes skin irritation.

H319: Causes serious eye irritation.

#### Precautionary statement(s)

##### Prevention:

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/eye protection/face protection.

##### Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

#### Emergency overview

**Physical appearance:** Green liquid

**Immediate concerns:** Eye & Skin irritant

#### Potential health effects

**Eye:** Contact causes severe eye irritation.

**Skin:** Contact causes moderate skin irritation.

**Skin absorption:** None Expected.

**Ingestion:** Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**Inhalation:** Mist may be irritating to nose, throat and lungs.

#### Reproductive toxicity

**Reproductive toxicity:** None known.

**Teratogenic effects:** None known.

**Carcinogenicity:** No listed substance

**Mutagenicity:** None known.

**Medical conditions aggravated:** Respiratory conditions such as asthma may be aggravated .

**Routes of entry:** Eye, skin, ingestion, inhalation.

**Warning caution labels:** Irritant

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
2-aminoethanol;2-hydroxypropane-1,2,3-tricarboxylic acid	10 - 15	17863-38-6
Phenoxyethanol	5 - 10	122-99-6
Sodium Xylenesulfonate	5 - 10	1300-72-7
Propylene Glycol Butyl Ether	1 - 5	5131-66-8
Dye	< 0.1	TS
Water	70 - 80	7732-18-5

**Comments:** If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

### 4. First-aid measures

**Eye:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**Skin:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**Inhalation:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

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

**Eye:** Causes serious eye irritation.

**Skin:** Contact causes skin irritation.

**Skin absorption:** None Expected.

**Ingestion:** Irritation of mouth, throat, along with upset stomach, vomiting.

**Inhalation:** Irritation of nose, throat and lungs with coughing.

**Acute effects:** Severely irritating to eyes. Skin irritant.

### 5. Fire-fighting measures

**Flammable class:** NA = Not Applicable

**General hazard:** NA = Not Applicable

**Suitable extinguishing media:** Not required. Water based material.

### 6. Accidental release measures

**Small spill:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**Large spill:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### Environmental precautions

**Water spill:** Avoid discharges into open waterways and notify your local emergency services if this occurs.

**Land spill:** Avoid discharge to soil.

**Air spill:** NA = Not Applicable

**General procedures:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**Special protective equipment:** Eye protection, rubber gloves, rubber boots to protect feet.

### 7. Handling and storage

**General procedures:** Close container after use.

**Precautions for safe handling:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage:** Store in area inaccessible to children.

**Storage temperature:** Store at ambient temperatures.

**Storage pressure:** Store at ambient atmospheric pressure.

**Shelf life:** 2 years under controlled temperature storage

### 8. Exposure controls/personal protection

## Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m <sup>3</sup>
Phenoxyethanol	Supplier OEL	TWA	25	NL
		STEL	NL	NL
Propylene Glycol Butyl Ether	Supplier OEL	TWA	50	

**Appropriate engineering controls:** Provide mechanical ventilation when used in confined areas, or areas with poor ventilation.

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

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

**Skin protection - hand protection:** Rubber or other chemical resistant gloves. Rubber boots of used on floors.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Skin protection - other:** Protective footwear (rubber boots) should be worn when using product for it's intended use.

**Occupational hygiene practices:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. Physical and chemical properties

**Physical state:** Liquid

**Color:** Green

**Odor:** Mild solvent

**Odor threshold:** Not Established

**pH:** 8.0 to 9.0

**Melting point:** No data available

**Freezing point:** 32° F; 0° C

**Initial boiling point and boiling range:** 212° F; 100° C

**Flash point:** No data available

**Evaporation rate (n-butyl acetate = 1):** No data available

**Lower explosion limit / flammability limit:** N/A

**Vapor pressure:** No data available

**Relative vapor density:** No data available

**Density:** 8.83 at (68°F)

**Relative density:** 1.058 grams/ml.

**Solubility:** Complete

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Viscosity:** Water thin.

**Percent volatiles:** >70

**VOC content:** 4.92 % by weight

## 10. Stability and reactivity

**Reactivity:** Stable

**Dangerous polymerization:** Will not occur.

**Possibility of hazardous reactions:** None Expected.

**Hazardous decomposition products:** None known.

**Incompatible materials:** Strong acids, oxidizers.

## 11. Toxicological information

### Acute toxicity

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
Phenoxyethanol	1840 mg/kg (rat)	> 2214 mg/kg (rabbit)	> 1 mg/l (Rat), Aerosol

**Acute dermal toxicity LD<sub>50</sub>:** No known significant effects or critical hazards.

**Acute oral toxicity LD<sub>50</sub>:** No known significant effects or critical hazards.

**Acute inhalation toxicity LC<sub>50</sub>:** No known significant effects or critical hazards.

**Skin corrosion / irritation:** Irritant

**Serious eye damage / irritation:** Irritant

**Respiratory or skin sensitization:** No known significant effects or critical hazards.

**Germ cell mutagenicity:** No known significant effects or critical hazards.

**Reproductive toxicity:** No known significant effects or critical hazards.

**Specific Target Organ Toxicity - single exposure:** No known significant effects or critical hazards.

## 12. Ecological information

**Ecotoxicological information:** Not Established

**Aquatic toxicity, both acute and chronic:** Not Established

**Other adverse effects:** Not Established

## 13. Disposal considerations

**Disposal methods:** Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

**For large spills:** Consult with local and state authorities for large volume disposal.

**Empty container:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

## 14. Transport information

**USA Department of Transport Regulations (DOT)**

**UN proper shipping name:** Cleaning Compound, not regulated.

**ADR / RID - road / rail**

**UN proper shipping name:** Contact manufacturer for more information.

**ICAO - air**

**UN proper shipping name:** Contact manufacturer for more information.

**IMDG - sea**

**UN proper shipping name:** Contact manufacturer for more information.

## 15. Regulatory information

**UNITED STATES**

**SARA Section 311/312 Hazard Categories**

**311/312 Health hazards:** Health - Acute

**EPCRA Section 313 Toxic Chemicals**

Chemical name	% w/w	CAS No.	Comments
Phenoxyethanol	5 - 10	122-99-6	N230 Certain Glycol Ethers

**EPCRA Section 302 Extremely Hazardous Substances**

**EPCRA Status:** No listed substance

**CERCLA Hazardous Substances and Reportable Quantities (RQ)**

**CERCLA regulatory:** No listed substance

**TSCA (The Toxic Substances Control Act)**

**TSCA regulatory:** All ingredients are listed on the TSCA Chemical Inventory.

**California Proposition 65:** No listed substance

**Carcinogen:** No listed substance

## 16. Other information

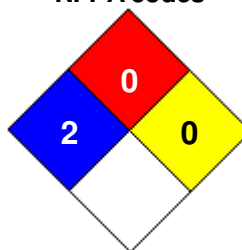
**Prepared by:** Regulatory Affairs Department

**Date Prepared:** 05/30/2023

**HMIS rating**

Health	2
Flammability	0
Physical hazard	0
Personal protection	B

**NFPA codes**



**Manufacturer disclaimer:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.