Safety Data Sheet
HYPOLUXO™

SECTION 1: PRODUCT AND

Manufacturer Legacy Industrial Products LLC 570 Lake Cook Rd. Ste 300, Deerfield, IL 60015
Product Family
Trade Name(s)
Recommended Uses

24 - Emergency Telephone - INFOTRAC : 1-352-323-3500 (International) 1-800-535-5053 (North America)

SECTION 2: HAZARD IDENTIFICATION

Classification:
Skin Corrosion/Irritation, Category 2
Eye Corrosion: Category 1



Hazard Pictogram: Corrosion
Signal Word: Danger

Hazard Statement: Causes severe eye damage and skin irritation.

Precautionary Statements:

Prevention: Do not breath vapor or mist. Wash immediately if skin or eye contact occurs. Wear protective gloves/clothing/eye wear and face gear.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. **IF ON SKIN**: Take off contaminated clothing immediately. Wash skin thoroughly. Wash contaminated clothing before reuse. **IF INHALED**: Remove person to fresh air and keep comfortable for breathing. Call medical doctor or poison control. Seek medical attention immediately. **IF IN EYES**: Rinse with plenty of fresh water for 20 minutes. (remove contact lenses if present).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Proprietary Ingredient 1	Proprietary	Proprietary
Proprietary Ingredient 2	Proprietary	Proprietary

SECTION 4: FIRST AID MEASURES

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 20 minutes while removing contaminated clothing and shoes. Call medical doctor or poison control center immediately. Get medical attention immediately.
Eye Contact: Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Call medical doctor or poison control center immediately. Get medical attention immediately.
Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.

SECTION 5: FIREFIGHTING MEASURES

Basic Firefighting Procedures: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Unusual Fire and Explosion Hazards: No specific fire or explosion hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Refer to Section 8: Exposure Control and Personal Protection

Emergency Action: Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
Spill/Leak Procedure: Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

Refer to Section 8: Exposure Control and Personal Protection

Handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Empty containers retain product residue and can be hazardous.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Control Parameters Occupational Exposure Limits: None

Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Eye and Face Protection: Safety eyewear should be used when there is a likelihood of exposure. Recommended: Chemical splash goggles or face shield.
Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Rubber apron and/or long sleeves.
Respiratory Protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Ensure an MSHA/NIOSH-approved respirator or equivalent is used.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical State: Liquid [Clear]
Color: Colourless to straw
Odor: Not available
Odor Threshold: Not available
pH: 12.2 – 12.9 [10% in DI water]
Melting/Freezing Point: Not available
Boiling Point/Range: 100°C (212°F)
Flash Point: >93.3°C (>200°F)
Evaporation Rate: Not available
Flammability (solid, gas): Not available
Lower and Upper Explosive(flammable) Limits: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: 1.0-1.1
Solubility: Easily soluble in the following materials: water Partition
Coefficient: Not available
n-octanol/water Auto-Ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients
Chemical Stability: This product is stable under normal conditions.
Possibility of Hazardous: Under normal conditions of storage and use, hazardous reactions will not occur. reactions Conditions to **Avoid:** Avoid contact with incompatible materials.
Incompatible Materials: Reactive or incompatible with the following materials: peroxides and acids. Contact with certain metals such as zinc has the potential for evolution of hydrogen gas.
Hazardous Decomposition: Under normal conditions of storage and use, hazardous decomposition products products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity There is no data available
Irritation/Corrosion Corrosive to the skin and eyes
Sensitization There is no data available
Carcinogenicity No components are listed as carcinogens by IARC, ACGIH, OSHA or NTP above the threshold of 0.1% Specific
Target Organ Toxicity (single exposure) May cause respiratory irritation
Specific Target Organ Toxicity (repeated exposure) There is no data available
Aspiration Hazard There is no data available
Information on the likely routes of eposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects
Eye contact: Causes serious eye damage
Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin irritation. **Ingestion:** May be harmful if swallowed. Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics
Eye Contact: Adverse symptoms may include the following: Pain or irritation Watering Redness Inhalation: May cause respiratory irritation.
Skin Contact: Adverse symptoms may include the following: Pain or irritation redness
Ingestion: May be harmful if swallowed. Irritating to mouth, throat and stomach

Delayed and immediate effects and also chronic effects from short and long term exposure
Short term exposure
Potential immediate effects: No known significant effects or critical hazards.
Potential delayed effects: No known significant effects or critical hazards. Long term exposure
Potential chronic health effects General: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.
Numerical measures of toxicity Acute toxicity estimates There is no data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity There is no data available
Persistence and Degradability: Readily biodegradable
Bioaccumulative Potential: There is no data available
Mobility in Soil Soil/water partition coefficient: Not available (Koc)
Other adverse effects: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATION

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated
IMDG Classification: Not regulated
IATA-DGR Classification: Not regulated

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:
United States Inventory (TSCA): All components are listed or exempted
Clean Air Act Section 112: Not listed (b)
Hazardous Air Pollutants (HAPS) Clean Air Act Section 602: Not listed
Class I Substances Clean Air Act Section 602: Not listed
Class II Substances DEA List I Chemicals: Not listed
(Precursor Chemicals) DEA List II Chemicals: Not listed
(Essential Chemicals) SARA 302/304 Composition/Information on Ingredients Not listed
SARA 311/312 Classification: See Section 2 for information
California Proposition 65: No Prop 65 substances detectable.
Canadian NPRI: All components are listed or exempted.
CEPA Toxic substances: None of the components listed.
Canada inventory: All components are listed or exempted.
Mexico: Health 1, Flammability 0, Reactivity 0, Special 0
Australia inventory (AICS): All components are listed or exempted.
China inventory (IECSC): All components are listed or exempted.
Japan inventory: All components are listed or exempted.
Korea inventory: All components are listed or exempted.
New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted

SECTION 16: OTHER INFORMATION

Notice. The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from failure to adhere to recommended practices, or from any hazards inherent in the nature of the product. This SDS complies with the requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200