

EARTH365



MATERIAL SAFETY DATA SHEET

Revision Date: 06/07/2022
Attestation No: 100002

MSDS

Print Date: 06/07/2022 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : Earth HSR
Product Name : Earth HSR

1.2. Details of the supplier of the safety data sheet

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No.230, Perumal Kovil Street, Kaliyanoor
Kandigai, Pakkam, Tiruvallur, Tamil Nadu, 602024
Phone: +91 7695859673
Email: earth365comany@gmail.com
Emergency number: +91 7695859673

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

<u>Hazard Code</u>	<u>Hazard Class</u>	<u>Hazard Category</u>
H290	Corrosive to metals	1
H302	Acute toxicity, oral	4
H316	Skin corrosion/irritation	3
H318	Serious eye damage/eye irritation	1

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal Word (GHS-US): **Danger**

Hazard Statements (GHS-US):

H290: May be corrosive to metals
H302: Harmful if swallowed
H316: Causes mild skin irritation
H318: Causes serious eye damage

Precautionary statements (GHS-US):

P234: Keep only in original container
P264: Wash thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection
P390: Absorb spillage to prevent material damage.
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330: Rinse mouth
P332+313: If skin irritation occurs: Get medical advice/attention
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do –



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continue rinsing

P310: Immediately call a POISON CENTER or doctor/physician

P406: Store in a corrosive resistant container with a resistant inner liner

P501: Dispose of contents/container in accordance with local, state and federal authorities.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Mixture

Parameter	% Composition
Aqua	37.5%
Hydro Chloric Acid	55%
Distilled Water	5%
Artificial Colours	1.5%
Eucalyptus	1%

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Use artificial respiration and oxygen if needed. If irritation persists, seek medical attention.
First-aid measures after skin contact	: IF ON SKIN: Immediately rinse with plenty of water (for at least 15 minutes). . If irritation persists, seek medical attention.
First-aid measures after eye contact	: IF IN EYES: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). . If irritation persists, seek medical attention.
First-aid measures after ingestion	: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Causes skin irritation. Causes serious eye damage. Harmful if swallowed
Symptoms/injuries after inhalation	: May cause headache, nausea and irritation of respiratory tract.
Symptoms/injuries after skin contact	: May cause skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea if swallowed. Harmful if swallowed
Chronic symptoms	: No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

suitable extinguishing media : Alcohol-resistant foam. Carbon dioxide. Dry powder. Water spray.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: The product is not flammable. Hydrogen gas may be released upon contact with certain metals.
Explosion hazard	: Product is not explosive.
Reactivity	: No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

Firefighting instructions	: Do not dispose of fire-fighting water in the environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel

Protective equipment	: Wear Protective equipment as described in Section 8.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Approved supplied-air respirator, in case of emergency. Wear suitable protective clothing, gloves and eye or face protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Prevent entry to sewers and public waters. Contain any spills with dikes or absorbents to prevent

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Methods for cleaning up : migration and entry into sewers or streams.
: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

No additionnel information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Wear proper safety equipment including chemically resistant gloves and safety glasses or goggles. Use with adequate ventilation. Wash thoroughly after handling. Do not get in eyes. Avoid contact with skin. Do not breathe mist or vapor. Do not swallow.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : heat sources. Keep container tightly closed. Store between 50 F & 100 F.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No OSHA and ACGIH PEL's or TLV's for the listed ingredients of this product unless stated below:

8.2. Exposure controls

Personal protective equipment : Chemical resistant gloves. Protective clothing. Safety glasses or goggles
Hand protection : Chemical resistant gloves.
Eye protection : Safety glasses or goggles.
Skin and body protection : Wear long sleeves. Wear suitable protective clothing.
Respiratory protection : Where excessive vapor, mist, or dust may result, use approved respiratory protection equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Light amber liquid.
Color : No data available
Odor : No data available
Odor Threshold : No data available
pH : 1 to 2
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : > 100 °C
Flash point : No data available
Self ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapor pressure : No data available
Relative vapor density at 20 °C : No data available
Relative density : No data available
Solubility : Complete solubility in water.
Log Pow : No data available

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Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hydrogen gas may be released upon contact with certain metals.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Oxidizers, chlorates, nitrates. Contact with hypochlorites will liberate toxic gases. Contact with alkaline materials will generate heat.

10.6. Hazardous decomposition products

Thermal decomposition generates : Oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Oral LD50: 626 mg/kg (rat) Calculated

Dermal LD50: No Data

Inhalation LC50: No Data

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: See Section 4.
Symptoms/injuries after skin contact	: See Section 4.
Symptoms/injuries after eye contact	: See Section 4.
Symptoms/injuries after ingestion	: See Section 4.
Chronic symptoms	: No data available.

SECTION 12: Ecological information

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- 12.1. **Toxicity**
No Data
- 12.2. **Persistence and degradability**
No Data
- 12.3. **Bioaccumulative potential**
No Data
- 12.4. **Mobility in soil**
No Data
- 12.5. **Other adverse effects**
No Data

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

14.1. UN number, proper shipping name, class and packaging group.:

Domestic Ground Shipments

Not Regulated Material

14.2. Additional information

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SECTION 15: Regulatory information

15.1. US Federal regulations

TSCA Inventory: The components of this product are listed.

SARA Section 311/312, Hazard Category (40CFR 370.2): Acute health hazard.

SARA Section 313, Toxic Release Reporting (40CFR Part372): No listed substance over 1.0% or over 0.1% that are also carcinogenic.

SARA Section 302, EHS Emergency Planning (40CFR Part 355): No listed substance known over 1.0%.

SARA Section 304, EHS Release Reporting (40CFR Part 355): No listed substance known over 1.0%.

CERCLA Section 102-103 HS Release Reporting (40 CFR par302-102a): No listed substance known over 1.0%.

15.2: Legal jurisdiction: India

SECTION 16: Other information

Other information : None.

NFPA health hazard : 2

NFPA fire hazard : 1

NFPA reactivity : 0

HMIS III Rating

Health : 2

Flammability : 1

Physical : 0

Personal Protection :

Prepared By: Quality Engineer

Approved By: Quality Manager

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