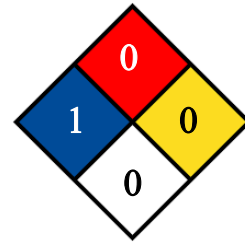




# Heavy Metal Stabilizer SAFETY DATA SHEET



1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
0	PPE

Trade Name: Remedia™ Heavy Metal Stabilizer

Date Prepared: 11/2015

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Remedia™ Heavy Metal Stabilizer  
 Product Description: Liquid, water-based.  
 Manufacturer: RPS Environmental Solutions, LP  
 10455 N. Central Expwy #109-372  
 Dallas, TX 75231  
 Phone Number 972-247-1556

Distributor: Remedia International Inc  
 501 Capitol Trail, Ste 101  
 Newark DE 19711  
 Phone Number 1-844-329-1400

In case of Emergency call: 1-843-538-1335  
 For Customer Service Call: 1-844-329-1400

## 2. HAZARD(S) IDENTIFICATION

Eye Contact: May cause irritation.  
 Skin Contact: May cause moderate irritation; large amounts can cause dryness.  
 Inhalation: Spray mist may cause some irritation to mucus membranes  
 Ingestion: May cause upset of gastrointestinal tract  
 Chronic Hazards: No known chronic hazards. Not listed by NTP, IARC or OSHA as carcinogen  
 Physical Hazards: Can etch glass if not promptly removed.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

The OSHA Hazardous communication Standard (29 CFR 1910.1200) does not require the listing of any ingredient for this product.

Chemical & Common Name	Wt%	OSHA PEL	ACGIHTLV
Water & Inert Ingredients	>86%	Not Established	Not Established
Proprietary Ingredient 1		Not Established	Not Established
Proprietary Ingredient 2		Not Established	Not Established
Proprietary Ingredient 3		Not Established	Not Established
Other non-hazardous ingredients	<1%	Not Established	Not Established

4. FIRST AID MEASURES

Eye:	In case of contact, immediately flush eyes with plenty of water.
Skin:	In case of contact, immediately flush skin.
Inhalation:	Remove to fresh air.
Ingestion:	If swallowed, DO NOT induce vomiting. Give large quantities of water or milk.

5. FIRE FIGHTING MEASURES

Flammable limits:	This material is not combustible.
Extinguishing Media:	This material is compatible with all extinguishing media
Hazards to fire-fighters	None
Fire-fighting equipment:	Standard issue firefighting equipment

6. ACCIDENTAL RELEASE MEASURES

Personal protection:	Wear appropriate safety gear.
Environmental Hazards:	Totally miscible with water. Water will evaporate from spill of this material.
Spill cleanup	Mop up and neutralize liquid with water, then discharge to sanitary sewer in accordance with federal, state and local regulations or permits.
CERCLA RQ:	There is no CERCLA Reportable Quantity for this material. If a spill goes off site, notification of state and local authorities is recommended.

7. HANDLING AND STORAGE

Store in plastic or stainless steel tanks or containers. Shipments may be made in plastic bottles, 5 gallon pails, 55 gallon plastic drums, 275 gallon plastic totes, and stainless tank trucks. Storage temperature 0° - 43°C (32° - 110°F)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

See Section 3 and Section 4. HMIS Ratings: (scale 0-4) Health = 1, Fire = 0, Physical Hazard = 0

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color	Water-like
Odor	Essentially odorless
pH	10.4 +/- 0.7
Specific gravity	1.030 +/- 0.01
Solubility in water	Miscible

10. STABILITY AND REACTIVITY

<u>Stability</u>	This material is stable under all conditions of recommended use and storage
Conditions to Avoid	None
Materials to avoid	Highly acidic materials
Hazardous decomposition products	None

11. TOXICOLOGICAL INFORMATION

<u>Special Studies:</u>	Proprietary ingredient 1 is not mutagenic to the bacterium E. Coli when tested in a mutagenicity bioassay. There are no known reports of carcinogenicity of any ingredients. Frequent ingestion over extended periods of time of gram quantities of proprietary ingredient 1 is associated with the formation kidney stones. No ingredient is listed by IARC, or OSHA as a carcinogen. Proprietary ingredient 2 is an FDA approved additive for internal delivery of drugs.
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## 12. ECOLOGICAL INFORMATION

Eco toxicity: The following data is reported for proprietary ingredient 1 on a 100% concentration basis: A 96 hour median tolerance for fish (*Gambusia affinis*) of 2320 ppm; a 96 hour median tolerance for water fleas (*Daphnia magna*) of 247 ppm; a 96 hour median tolerance for snail eggs (*Lymnea*) of 632 ppm; and a 96 hour median tolerance for Amphipoda of 160 ppm.

Environmental Fate: Proprietary ingredient 1 is naturally in aquatic systems and do not contribute to BOD. This material does not harmfully bioaccumulate.

Physical/Chemical: Totally miscible with water.

## 13. DISPOSAL CONSIDERATION

Classification: Disposed material is not a hazardous waste.

Disposal Method: Recycle container in accordance with federal, state and local regulations. Flush neutral liquid to sanitary sewer accordance with federal, state and local regulations and permits.

## 14. TRANSPORT INFORMATION

DOT UN Status: This material is not regulated for transportation.

## 15. REGULATORY INFORMATION

CERCLA: No CERCLA Reportable Quantity has been established for this material.

SARA TITLE III: Not an extremely hazardous substance under §313 or under §§311/312.

TSCA: All ingredients of this material are listed on the TSCA inventory.

FDA: The use of soluble silicates is authorized by FDA as a boiler water additive for the production of steam that will contact food pursuant to 21 CFR §173.310; as a component of matrix coatings on food contact surfaces pursuant to 21 CFR §175.390(c); as a GRAS substance when migration from cotton fabric used in dry food packaging pursuant to 21 CFR §182.70; and as a products pursuant to 21 CFR §182.90. Glycol blends has GRAS (generally regarded as safe) status by FDA for use as a direct food additive. It is used in oral, injectable, and topical pharmaceuticals.

California Prop. 65 Not Listed. We do not knowingly add any Prop. 65 chemical nor do we know of any impurity in any ingredient that is on the Prop 65 list.

## 16. OTHER INFORMATION

Prepared by: T. Ross  
Supersedes revision of 01/2015

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