

SAFETY DATA SHEET – 14-358

1. IDENTIFICATION

REVISION DATE: 2/20/2020

<p>PRODUCT IDENTITY: Platinum Solution</p>	<p>Product Use: Electric Storage Battery Manufacturer/Supplier: C&D Technologies, Inc.</p> <p>Address: C&D Technologies, Inc. 1400 Union Meeting Road Blue Bell, PA 19422-0858</p> <p>Web Sites: www.cdtechno.com</p> <p>North America 24 Hour Emergency Telephone: (CHEM TEL) 1-800-255-3924 International 24 Hour Emergency Telephone: (CHEM TEL) 1-813-248-0585 C&D Technologies Inc. Telephone: 215-619-2700</p>
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2. GHS HAZARDS IDENTIFICATION

Health	
Skin Corrosion/Irritation	- Category 2
Serious Eye Damage/Eye Irritation	- Category 2A

GHS Label:

Health	
	
<p>Hazard Statements DANGER! Acute: May cause skin, eye and respiratory tract irritation. Chronic: N/A</p>	<p>Precautionary Statements May cause allergic skin and respiratory reaction. May cause eye pain, tearing and redness.</p>

3. *COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS (Chemical/Common Names):	CAS No.:	% by Wt:
Water	7732-18-5	99.979
Platinum and stabilizer compounds	N/A	<0.021

4. FIRST AID MEASURES

SAFETY DATA SHEET – 14-358**INHALATION:**

Heavy mist concentration may cause breathing difficulty; remove to fresh air.

INGESTION:

Do not induct vomiting; seek immediate medical attention.

SKIN:

May cause minor skin irritation. Wash well with soap and water.

EYES:

May cause irritation. Flush with water for 15 minutes and consult a physician.

5. FIRE FIGHTING MEASURES

Flash Point: N/A

Flammable Limits: LEL = 4% UEL = 74%

Extinguishing media: Class ABC or CO₂.

Fire Fighting Procedures:

None.

Hazardous Combustion Products:

None.

Unusual Fire and Explosion Hazards:

Not flammable, but reacts with many metals to form flammable hydrogen gas.

6. ACCIDENTAL RELEASE MEASURES

Use sand or vermiculite to contain and absorb spilled material.

7. HANDLING AND STORAGE**Handling and Storage:**

Store in original container. Keep container closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits (mg/m³) Note: N.E. = Not Established

INGREDIENTS (Chemical/Common Names):	OSHA PEL	ACGIH	US NIOSH	Quebec PEV	Ontario OEL	EU OEL
Water	N/A	N/A	N/A			
Platinum and stabilizer compounds	0.002	0.002				

SAFETY DATA SHEET – 14-358**Engineering Controls (Ventilation):**

None.

Respiratory Protection (NIOSH/MSHA approved):

None required under normal conditions. Avoid spraying or misting this material.

Skin Protection:

Wear non-permeable nitrile gloves where contact is likely.

Eye Protection:

Safety glasses with side shields or goggles.

Other Protection:

Not normally required.

Work Practices:

Keep container closed. Do not mist or spray this material. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties Listed Below are for Electrolyte:			
Boiling Point:	100 ° F	Specific Gravity (H ₂ O = 1):	1.0
Melting Point:	N/A	Vapor Pressure (mm Hg):	1.0
Solubility in Water:	100%	Vapor Density (AIR = 1):	1
Evaporation Rate: (Butyl Acetate = 1)	1		
pH:	N/A		
Appearance and Odor:	Colorless and odorless liquid.		

10. STABILITY AND REACTIVITY

Stability: Stable X Unstable

This product is stable under normal conditions at ambient temperature.

Conditions to Avoid: None.

Incompatibilities (materials to avoid): Acid reactive or water reactive materials including cyanides, metal acetylides, peroxides, permanganates, carbides, sodium and other alkali metals..

Hazardous Decomposition Products:

Reacts with metals to produce flammable hydrogen gas.

SAFETY DATA SHEET – 14-358**Hazardous Polymerization:**

Will not occur

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, ingestion, eye or skin contact.

Inhalation:

Heavy inhalation may cause breathing difficult.

Ingestion:

May cause throat irritation.

Skin Contact:

May cause skin irritation.

Eye Contact:

May cause eye irritation.

Effects of Overexposure - Acute:

May cause severe skin or eye irritation.

Effects of Overexposure - Chronic:

None.

Carcinogenicity:

Not listed as a carcinogen under IARC, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

The low pH of this material when undiluted or un-neutralized is acutely harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS (UNITED STATES)

Dispose in accordance with Federal, State, and Local regulations.

14. TRANSPORT INFORMATION

NOT APPLICABLE

15. REGULATORY INFORMATION

EPCRA Section 313, 304, 302, and CAA TQ:

Not applicable.

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TSCA:

All components listed on the TSCA inventory.

16. OTHER INFORMATION

NFPA Hazard Rating:

Flammability (Red) = 0

Health (Blue) = 1

Reactivity (Yellow) = 0

MSDS Preparation/Review Date: 2/20/2020
Prepared by: W. E. Kozlowski – Director EHS

Revision: 3