

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Trade Name Replenishment Solution, RS-A

Manufacturer Delta F Corp., 4 Constitution Way, Woburn, MA
01801-1087, USA, Tel + 1-781-935-4600

Emergency Contact USA: 1-800-424-9300
International: 1-813-979-0626 (collect)

Supplier and contact in UK (for use in the UK only)	
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2. COMPOSITION

CAS #	Component	EC Code/class	Concentration	Risk Phrase	Risk Description
7732-18-5	Water (contains trace salts)	215-181-3 C	100%		

3. HAZARDS IDENTIFICATION

Main Hazard None

CERCLA Ratings (scale 0-3) Health = 0 Fire = 0 Reactivity = 1 Persistence = 0

NFPA Ratings (scale 0-4) Health = 0 Fire = 0 Reactivity = 1

Potential Health Effects:

Eye Contact	Not applicable.
Skin Contact	Not applicable.
Ingestion	Not applicable.
Inhalation	Not applicable.
Chronic	Not applicable.

4. FIRST-AID MEASURES

Skin Contact Not applicable.

Eye Contact Not applicable.

Ingestion Not applicable.

Inhalation Not applicable.

5. FIRE FIGHTING MEASURES

Special Exposure Hazard Not applicable

Extinguishing Media Not combustible. Select extinguishing media appropriate to the surrounding fire conditions.

Protective Equipment In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Non-hazardous material. Clean up of spills requires no special equipment or procedures.

7. HANDLING AND STORAGE

Keep container tightly closed. Suitable for any general chemical storage area. Protect from freezing. May react vigorously with some specific materials. Avoid contact with all materials until investigation shows substance is compatible.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection

Eyes	None required.
Skin	None required.
Clothing	Not applicable.
Respirators	Not Applicable.

Airborne Exposure	Not applicable.
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Exposure Limits	Not applicable.
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9. Physical & Chemical Properties

Molecular Formula	H ₂ O containing trace salts
Physical State	Colorless, odorless liquid
pH	6.0-8.0
Solubility	Complete (100%)
Boiling Point	100 ⁰ C
Melting Point	0 ⁰ C
Flash Point	Not applicable
Flammability	Not flammable
Explosion Limits	Not applicable
Specific Gravity	1.00
Vapor Pressure	17.5 mm Hg @ 20 ⁰ C

10. Stability & Reactivity

Chemical Stability	Stable
Conditions/Materials to Avoid	Strong reducing agents, acid chlorides, phosphorus trichloride, phosphorus pentachloride, phosphorus oxychloride.
Hazardous Decomposition Products	Not applicable.
Hazardous Polymerization	Has not been reported

11. Toxicological Information

Toxicity (water)
Carcinogen Status

CAS# 7732-18-5: Oral, rat: LD50 >90 mL/kg
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA

12. Ecological Information

Mobility	Completely soluble in water
Degradability	Not applicable.
Accumulation	Not applicable.
Ecotoxicity	Applicable.

13. Disposal Considerations

Waste Disposal Whatever cannot be saved can be flushed to sewer. If material becomes contaminated during use, dispose of accordingly. Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. Transportation Information

Not regulated.

15. Regulatory Information

16. Other Information

NFPA Ratings: Health: 0 Flammability: 0 Reactivity: 0

MSDS Creation Date: July 31, 2006

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