

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA FORM 174

Manufacturer's Name: MICROCOPY-Division of Neo-Flo, Inc.
Contact Address: 3120 Moon Station Road
 Kennesaw, Georgia 30144-2765
 (770) 425-5715

Emergency Phone Number:

DOT Hazard Classification:

Trade Name & Synonyms:

Formula:

Date Prepared:

Prepared By:

INSTA-FIX Fixer
 Mixture
 11/23/2004
 Gordon LaPean

Section 1 - Material Identification and Information

Components-Chemical Name & Common Name	CAS Number	Range % (wt)	OSHA PEL mg/m ³	ACGI H TLV mg/m ³
*Sodium Sulfite	7757-83-7	1-5	N/A	N/A
*Ammonium Thiosulfate	7783-18-8	25-30	N/A	N/A
Sodium Metabisulfite	7681-57-4	1-5	5	5
Borax	1303-95-4	1-5	N/A	1
*Acetic Acid (Glacial)	64-19-7	1-5	25	25
*Aluminum Sulfate	10043-0-3	<1	N/A	2
Citric Acid	77-92-9	<1	N/A	N/A
Water	7732-18-5	65-70	N/A	N/A

*Principal Hazardous Component(s)

NFPA Ratings Scale (0-4): Health=1, Fire=0, Reactivity=0

Section 2 - Physical/Chemical Characteristics

Boiling Point: 220°F **pH @ 20°C:** 4.7
Vapor Pressure (mmHg) 20°C: 16 **Solubility in Water:** Complete
Vapor Density (Air=1): <1
Specific Gravity (H₂O=1): 1.1320
Evaporation Rate: <1
 (n-butyl acetate=1)
Appearance and Odor: Clear solution with slight vinegar aroma.

Section 3 - Fire and Explosion Hazard Data

Flash Point (Method Used): >200°F (TCC) Noncombustible
Auto-Ignition Temperature: N/A
Extinguisher Media: Use appropriate agent for surrounding fire.
Flammable Limits (Lower/Upper): N/A
Special Fire Fighting Procedures: Wear self-contained breathing apparatus or protective clothing.
 Unusual Fire and Explosion Hazards: Excessive heat may cause production of sulfur dioxide vapors.

Section 4 - Reactivity Hazard Data

Stability: Stable
Conditions to Avoid: None documented to occur under normal temperature and pressures.
Incompatibility: Strong oxidizers, strong alkalis.

Hazardous Decomposition Products:
Hazardous Polymerization:

Ammonia and sulfur dioxide.
Will not occur

Section 5 - Health Hazard Data

Effects of Overexposure:

Inhalation:

None documented but concentrated mist may irritate respiratory tract
May cause transient irritation or damage to tissue.

Eye Contact:

Irritation such as reddening, swelling and burning may occur. Allergic reactions such as dermatitis is possible.

Skin Contact:

May cause irritation or corrosion of digestive tract.

Ingestion:

None identified.

Chronic Effects:

Medical Conditions Generally

Aggravated by Exposure:

Carcinogenicity:

Present skin conditions.

Reproductive Effects:

None identified.
None identified.

Emergency First Aid Procedures:

Eye Contact:

Flush with water for 15 minutes, including under lids.
Contact a physician immediately.
In case of contact, flush skin with water and wash with soap and water to minimize any allergic skin reaction.
If inhaled, move to fresh air. If symptoms persists, call a physician.
If swallowed, administer 2 to 4 glasses of milk or water and induce vomiting. Contact a physician.

Skin Contact:

Inhalation:

Ingestion:

Section 6 - Control and Protective Measures

Respiratory Protection:

None required where adequate ventilation conditions exist. If airborne concentration is higher, use an appropriate NIOSH organic acid vapor respirator.
Safety chemical goggles, gloves (latex, neoprene), and eye wash stations, and uniforms are recommended.
Wash with plenty of soap and water after contact.

Protective Equipment:

Hygienic Work Practices:

Section 7 - Precautions For Safe Handling And Use/Leak Procedures

Precautions To Be Taken In Handling And Storage:

Store in sealed containers in a dry, well ventilated area.
Protect from physical damage.

Steps to Be Taken If Material Is Spilled or Released:

In case of spill, soak up with absorbent or use a commercially available Chemical Spill Kit.
Add large amounts of water to dilute, and flush to the sewer. Follow federal, state, and local regulations.

Waste Disposal Method:

Do not store food, drink, or tobacco in areas with this product.

Other Precautions: