

SAFETY DATA SHEETS

This SDS packet was issued with item:

078326589

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078326597b

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078326597

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 NW
 Kennesaw, Georgia 30144-2765
Emergency Phone Number: (770) 425-5715
DOT Hazard Classification: N/A
Trade Name & Synonyms: **INSTA-FIX Fixer**
Formula: Mixture
Date Prepared: 2/13/2010
Prepared By: 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	1303-96-4	1-5	N/A	1
*Acetic Acid (Glacial)	64-19-7	1-5	25	25
*Aluminum Sulfate	10043-01-3	<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
Vapor Pressure (mmHg) 20°C: 16
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.

pH @ 20°C: 4.7
Solubility in Water: Complete

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 Polymerization: Will not occur

Section 5 - Health Hazard Data

Effects of Overexposure:

Inhalation:	None documented but concentrated mist may irritate respiratory tract.
Eye Contact:	May cause transient irritation or damage to tissue.
Skin Contact:	Irritation such as reddening, swelling and burning may occur. Allergic reactions such as dermatitis is possible.
Ingestion:	May cause irritation or corrosion of digestive tract.
Chronic Effects:	None identified.
Medical Conditions Generally Aggravated by Exposure:	Present skin conditions.
Carcinogenicity:	None identified.
Reproductive Effects:	None identified.

Emergency First Aid Procedures:

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

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.
Protective Equipment:	Safety chemical goggles, gloves (latex, neoprene), and eye wash stations recommended.
Hygienic Work Practices:	Wash with plenty of soap and water after contact.

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

Precautions To Be Taken In Handling And Storage:

Store product 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.

Waste Disposal Method:

Add large amounts of water to dilute, and flush to the sewer. Follow federal, state, and local regulations.

Other Precautions:

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