

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-NEG Developer**
Formula: Aqueous 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
Water	7732-18-5	80-85	N/A	N/A
*Sodium Sulfite	7757-83-7	5-10	N/A	N/A
*Hydroquinone**	123-31-9	1-5	2	2
*Potassium Hydroxide	1310-58-3	1-5	2	2
p-Methylaminophenol sulfate	55-55-0	<1	N/A	N/A

***Principal Hazardous Component(s)**

** Chemical subject to the reporting requirements of Section 313 of Title III of the Superfund
Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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

Section 2 - Physical/Chemical Characteristics

Boiling Point: 214°F pH @ 20°C: 12.7
Vapor Pressure (mmHg) 20°C: 17
Vapor Density (Air=1): <1
Specific Gravity (H₂O=1): 1.1420
Evaporation Rate: <1
 (n-butyl acetate=1)
Appearance and Odor: Clear, slightly yellow liquid; odorless.

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 acids and oxidizers
Hazardous Decomposition Products: Sulfur Dioxide
Hazardous Polymerization: Will not occur

Section 5 - Health Hazard Data

Effects of Overexposure:

Inhalation:	None documented but concentrated mist may irritate or damage respiratory tract and lungs.
Eye Contact:	Will cause irritation or burning. None documented but may cause barotitis and discoloration of the conjunctiva.
Skin Contact:	Irritation such as reddening, swelling and burning may occur. Allergic skin reaction such as dermatitis is possible.
Ingestion:	May cause nausea, vomiting, irritation and burns to the mouth and stomach. May effect Central Nervous System in large doses.
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. Call a physician.
Skin Contact:	In case of contact, flush skin with water and use non-alkaline cleaner to minimize any allergic skin reaction.
Inhalation:	If inhaled, move to fresh air. If symptoms persists, call a physician.
Ingestion:	Call a physician. If swallowed and if the person is conscious, immediately give large amounts of water and induce vomiting.

Section 6 - Control and Protective Measures

Respiratory Protection:	None required where adequate ventilation conditions exist. If airborne concentration is higher, use an appropriate NIOSH cartridge respirator.
Protective Equipment:	Safety chemical goggles, gloves (latex, neoprene), eye wash stations, and uniforms are 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 in sealed containers in a dry, well ventilated area away from acids. Protect containers against physical damage.
Steps to Be Taken if Material Is Spilled or Released:	In case of spill, flush away with large amounts of water or use a commercially available Chemical Spill Kit.
Waste Disposal Method:	Add water to dilute, and flush to the sewer. Large amounts may require neutralization. Follow federal, state, and local regulations.
Other Precautions:	Do not store food, drink, or tobacco in areas with this product.