

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS) N/D=Not Determined N/A=Not Applicable

<b>Product:</b> FIBRE ID TEST KIT	<b>Manufacturer:</b> AMERICOLOR	<b>Flammability:</b> 2
<b>Chem. Name:</b> N/A	<b>Trade Name:</b> Fibre ID Test Kit	<b>Reactivity:</b> 1
<b>Chem. Family:</b> Mixture	<b>Use:</b> Fibre ID kit	<b>Health:</b> 2
		<b>Protection:</b>
<small>NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4</small>		

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Formic Acid	64-18-6	N/A	N/A	5 ppm
Chlorine Bleach	7681-52-9	N/A	N/A	N/A
Red Dye #40 (Non hazardous)	N/A	N/A	N/A	N/A

<b>PHYSICAL DATA</b>				
<b>Physical State:</b> Acid, liquid Bleach, liquid	<b>Boiling Point (C):</b> N/A	<b>Solubility in Water:</b> Soluble	<b>Evaporation Rate:</b> N/A	<b>Percent Volatile (vol):</b> N/A
<b>Odor/ Appearance:</b> Colorless, penetrating odor Clear, light yellow, chlorine odor	<b>Freezing Point (C):</b> N/D	<b>Ph (mixed):</b> N/D	<b>Specific Gravity:</b> N/A	<b>Vapor Pressure:</b> N/A

<b>FIRE &amp; EXPLOSION HAZARD</b>		<b>Conditions:</b> Heat, flame, other sources of ignition.
<b>Flammability:</b> Acid only, Yes	<b>Means of Extinction:</b> Water spray, alcohol foam, CO2	<b>Hazardous Combustion Products:</b> N/A
<b>Special Procedures:</b> SCBA's-facepiece in positive mode	<b>Explosion Sensitivity to Impact:</b> N/A	<b>Upper Explosion Limit (% by vol):</b> 57%
<b>Chemical Sensitivity to Static Discharge:</b> N/A	<b>Flashpoint (C) &amp; Method:</b> 156 F (OC) acid only	<b>Lower Explosion Limit (% by vol):</b> 18%
		<b>Auto-ignition:</b> N/A
		<b>Rate of Burning:</b> N/A
		<b>Explosive Power:</b> N/A
<b>TDG/WHMIS:</b> Not Hazardous		

<b>REACTIVITY DATA</b>	<b>Chemical Stability:</b> Stable	<small>Acid: Strong oxidizing agents, strong bases, sulfuric acid. Bleach: Strong oxidizing agents. React with other household chemicals such as toilet bowl cleaners, rust removers, vinegars, acids or ammonia containing products to produce hazardous gases, such as chlorine &amp; other chlorinated species.</small>
<b>Hazardous Decomposition Product:</b> Not known	<b>Incompatible Substances:</b>	


<b>TOXICOLOGICAL PROPERTIES</b>		<b>Effects of Overexposure: Acute Effects:</b> <small>Eyes: Direct contact with acid or chlorine may cause severe irritation or burns. Skin: May cause severe irritation or burns. Chlorine bleach may cause minor irritation. Inhalation: Acid vapors may cause severe irritation of respiratory system with coughing, chest pains, nausea and vomiting. Chlorine vapors may irritate the nose, throat and respiratory tract. Ingestion: Acid may cause acute local tissue damage, with other effects ranging from nausea and dizziness to unconsciousness. Aspiration of vomitus into lungs may cause chemical pneumonitis. Swallowing chlorine bleach may cause nausea and vomiting.</small>
<b>Route of Entry - Skin Contact:</b> Y	<b>Reproductive Effects Y/N:</b> N/D	<b>Chronic Effects:</b> <small>Prolonged and repeated over exposure to formic acid may lead to kidney and liver damage. Dermatitis may be aggravated by exposure.</small>
<b>Route of Entry - Skin Absorption:</b> N	<b>Carcinogenicity Y/N:</b> N	
<b>Route of Entry - Eye Contact:</b> Y	<b>Mutagenicity Y/N:</b> N/D	
<b>Route of Entry - Inhalation:</b> Y	<b>Teratogenicity Y/N:</b> N/D	
<b>Route of Entry - Ingestion:</b> Y	<b>TLV:</b> N/D	

<b>PREVENTATIVE MEASURES</b>		<b>Gloves:</b> Acid resistant, Rubber for chlorine.	<b>Footwear:</b> N/A	<b>Clothing:</b> Protective suit
	<b>Eyes:</b> Safety goggles/face shield	<b>Respirator:</b> Organic vapor cartridge/SCBA	<b>Other:</b> N/A	

<b>Recommended Engineered Controls:</b> Use with general or local exhaust to meet TLV requirements	<b>Leak &amp; Spill Procedures:</b> Acid: If possible neutralize with soda ash or lime. Mop up or absorb with inert material. Bleach: Mop or wipe up with water.	<b>Waste Disposal Methods:</b> According to federal, provincial and municipal regulations.	<b>Special Handling Procedures:</b> Keep containers closed tightly. Keep away from children.
---	---	---	---

<b>FIRST AID MEASURES</b>	
<b>Inhalation:</b> Move person to fresh air.	
<b>Ingestion:</b> Formic Acid: Do not induce vomiting. Give water, milk or milk of magnesia. Get immediate medical attention. Bleach: Drink a glass of water and call a physician.	
<b>Eye Contact:</b> Immediately flush eyes with running water for at least 15 minutes. Get medical attention immediately.	
<b>Skin Contact:</b> Flush thoroughly with water for at least 15 minutes while removing contaminated clothes and shoes. Wash clothing before reuse. Get medical attention.	

<b>Prep./Revised Date:</b> January 4, 2011	<b>Mailing Address:</b> Fibreclean Supplies #101, 3750-19th Street NE Calgary, AB T2E 6V2
<b>Prepared By:</b> S. Anonson	
<b>Source Material:</b> Manufacturer's MSDS	
<b>Emergency Response:</b> 1-613-996-6666 (Transport Emergencies)	



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.