



Material Safety Data Sheet
10% Neutral Buffered Formalin

MSDS# 170215

COMPANY DETAILS

Company: TissuePro Technology

Address: 2153 SE Hawthorne Rd, Gainesville, FL 32641

Telephone Number: 352-213-4255

Fax Number: 352-393-6015

IDENTIFICATION SECTION

Product Name: 10% Neutral Buffered Formalin

Other Names/Synonyms: No information available

Catalog No: NFB03-32R, NFB03-40R

Dangerous Goods Class and Subsidiary Risk: Danger

Hazard Statements: Causes serious eye damage

Poison Schedule: poisonous

Causes skin irritation

May cause respiratory irritation

May cause drowsiness or dizziness

May cause an allergic skin reaction

May cause cancer

Suspected of causing genetic defects

Causes damage to organs

May cause damage to organs through prolonged or repeated exposure



Use: Use in hospital and pathology laboratories only



Physical Description and Properties

Appearance: white Liquid
Boiling Point/Melting Point: 100 °C/ 0 °C
Vapour Pressure: not available
Specific Gravity: 1L = 1.01kg
Flash Point: Not determined
Flammability Limits: Not determined
Solubility in water: Soluble in all proportions

INGREDIENTS

Chemical Name	CAS Number
Formaldehyde	50-00-0
Methyl alcohol	67-56-1
Sodium phosphate, dibasic	7558-79-4
Sodium phosphate, monobasic	7558-80-7
Water and non-hazardous substances	7732-18-5

HEALTH HAZARD INFORMATION

Health Effects:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Corrosion/irritation	Category 2
Serious Eye Damage/irritation	Category 1
Skin Sensitization	Category 1
Germ Cell Mutagenicity	Category 2
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 1
Target Organs – Respiratory system, Central nervous system (CNS)	
Specific target organ toxicity (single exposure)	Category 2
Target Organs – Kidney, Liver, Spleen, Blood	

PRECAUTIONS FOR USE

General	Advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Eye	Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Immediate medical attention is required.



Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with a respiratory medical device. Immediate medical attention is required.
Ingestion	Do not induce vomiting. Call a physician or Poison Control Center immediately.

Most important symptoms/effects Causes eye burns. May cause allergic skin reaction. Breathing difficulties. . Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting

Notes to Physician Treat symptomatically

Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area

Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Disposal

Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains substance which are hazardous for the environment. Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

WARNING! This product contains a chemical known in the State of California to cause cancer, birth defects or other reproductive harm.

SAFE HANDLING INFORMATION



Transportation information

DOT	Not regulated
TDG	Not regulated
IATA	Forbidden for IATA transport
IMDG/IMO	Not regulated

Storage and Transport: Use only under a chemical fume hood. Wear personal protective equipment. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Do not ingest. Keep containers tightly closed in dry, cool and well-ventilated place when not using the product. Store in original packages as approved by manufacturer.

Personal Protective Equipment

Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Tightly fitting safety goggles.

Skin and body protection Long sleeved clothing.

Respiratory Protection Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Spills and Disposal: Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labeled containers for disposal. Remainder of material can be washed to drain with plenty of water.

Fire/Explosion Hazard: If safe to do so, move undamaged containers from fire area. Hazardous Decomposition Products: Decomposes on heating emitting oxides of carbon. Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended. Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

OTHER INFORMATION



TissuePro Technology

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Incompatibilities (Materials to avoid) Animal Toxicity Data: Strong alkalis, acids, oxidizing agents.

12/14/2015

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

We provide solution for you!

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