Material Safety Data Sheet
10% Neutral Buffered Formalin

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

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### 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
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 merchantibility 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.