Safety Data Sheet

1. IDENTIFICATION

Product Name: 10% Neutral Buffered Formalin

Catalog No: NBF03-32R, NBF03-40R, NBF03-1G

Other Names/Synonyms: No information available

Recommended Use: Laboratory chemicals.

Uses advised against: Not for food, drug, pesticide or biocidal product use

Details of the supplier of the safety data sheet

Company: TissuePro Technology
Address: 2153 SE Hawthorne Rd, Gainesville, FL 32641
Telephone Number: 352-213-4255
Fax Number: 352-393-6015

2. HAZARD (S) IDENTIFICATION

Classification

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

Causes skin corrosion/irritation Category 2
Serious Eye Damage/Eye Irritation Category 1
Skin Sensitization Category 1
Germ Cell Mutagenicity Category 1
May cause cancer/Carcinogenicity Category 1A
Specific target organ toxicity (single exposure) Category 1
Target Organs – Respiratory system, Central Nervous system (CNS) Category 2
Specific target organ toxicity (repeated exposure) Category 2
Target Organs – Kidney, liver, spleen, Blood.

Label Elements

Signal Word

Danger
Hazard Statements
Causes serious Eye Damage/Eye Irritation
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

Precautionary Statements

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

Response
IF exposed: Call a POISON CENTER or doctor/physician

Inhalation
IF INHALED: Removed victim to fresh air and kept at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell

Skin
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention

Eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing
Immediately Call a POISON CENTER or doctor/physician

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

Disposal
Dispose of contents/container to an approved waste disposal plant
Hazard not otherwise classified (HNOC)
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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weights %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>50-00-0</td>
<td>3.7-4%</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>67-56-1</td>
<td>&lt;0.2%</td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>7558-79-4</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Sodium phosphate, monobasic</td>
<td>7558-80-7</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Water and non-hazardous substances</td>
<td>7732-18-5</td>
<td>93-95%</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

We certify that the above product is composed of the following ingredients and does not have any other components.

4. FIRST AID MEASURES

**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

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media

Flash Point
Method -

Autoignition Temperature

Explosion Limits

Upper
Lower

Sensitivity to Mechanical Impact
Sensitivity to Static Discharge

Specific Hazards Arising from Chemical
Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and source of ignition. Risk of ignition.

Hazardous Combustion Products
Formaldehyde Methanol Carbon monoxide (CO) Carbon dioxide (CO₂)

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

NFPA

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Use personal protective equipment. Ensure adequate ventilation. Evacuate personal to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions
Should not be released into environment. Do not flush into surface water or sanitary sewer system. See section 12 for additional ecological information.

Methods for Containment and clean: Soak up with inert absorbent material. Keep in suitable, closed container for disposal.

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 SDS. 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.
7. HANDLING AND STORAGE

Handling: 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.

Storage: Keep containers tightly closed in dry, cool and well-ventilated place when not using the product. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
<th>Mexico OEL (TWA)</th>
</tr>
</thead>
</table>
| Formaldehyde   | TWA: 0.1 ppm  
STEL: 0.3 ppm | (Vacated) TWA: 3 ppm  
(Vacated) PEL: 10 ppm  
(Vacated) Ceiling: 3 ppm  
TWA: 0.75 ppm  
STEL: 2 ppm | IDLH: 20 ppm  
TWA: 0.016 ppm  
Ceiling: 0.1 ppm | Ceiling: 2 ppm  
Ceiling: 3 mg/m3 |
| Methyl alcohol | TWA: 200 ppm  
STEL: 250 ppm  
skin | (Vacated) TWA: 200 ppm  
(Vacated) TWA: 260 mg/m3  
(Vacated) STEL: 250 ppm  
(Vacated) STEL: 325 mg/m3  
Skin  
TWA: 0.75 ppm  
STEL: 2 ppm | IDLH: 6000 ppm  
TWA: 200 ppm  
TWA: 260 mg/m3  
STEL: 250 ppm  
STEL: 325 mg/m3  
Skin  
TWA: 0.75 ppm  
STEL: 2 ppm | TWA: 200 ppm  
TWA: 260 mg/m3  
STEL: 250 ppm  
STEL: 310 mg/m3 |

Legend
ACGIH – American Conference of Governmental Industrial Hygienists
OSHA – Occupational Safety and Health Administration
NIOSH IDLH – The National Institute of Occupational Safety and Health Immediately Dangerous to life or Death

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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description and Properties

Physical State: Liquid
Appearance: Clear Liquid/ Colorless
Odor: Characteristic formaldehyde
Odor Threshold: No information available
pH: 7
Melting Point/Range: No data available
Boiling Point/Range: Not applicable
Flash Point: > 93.3 °C / > 199.9 °F
Evaporation Rate: No information available
Flammability (solid,gas): Not applicable
Flammability or explosive limits
  Upper: No data available
  Lower: No data available
Vapor Pressure: No information available
Vapor Density: No information available
Specific Gravity: No information available
Solubility: miscible
Partition coefficient; n-octanol/water: No data available
Autoignition Temperature: No information available
Decomposition Temperature: No information available
Viscosity: No information available
Molecular Formula: Solution

10. STABILITY AND REACTIVITY

Reactive Hazard  
None known, based on information available
Stability  
Stable under normal conditions.
Conditions to Avoid  
Incompatible products. Excess heat.
Incompatible Materials  
Strong oxidizing agents, Strong acids, Strong bases
Hazardous Decomposition Products
(CO2)  
Formaldehyde, Methanol, Carbon monoxide (CO), Carbon dioxide
Hazardous Polymerization  
Hazardous polymerization does not occur.
Hazardous Reactions  
None under normal processing.
11. TOXICOLOGY INFORMATION

Acute Toxicity

Product Information
No acute toxicity information is available for this product.

Oral LD50
Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

Dermal LD50
Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.

Vapor LC50
Based on ATE data, the classification criteria are not met. ATE > 20 mg/l.

Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LD50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>-</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>500 mg/kg (Rat)</td>
<td>LD50 = 270 mg/kg (Rabbit)</td>
<td>0.578 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>Calc. ATE 60 mg/kg, LD50 &gt; 1187 - 2769 mg/kg (Rat)</td>
<td>Calc. ATE 60 mg/kg, LD50 = 17100 mg/kg (Rabbit)</td>
<td>Calc. ATE 0.6 mg/L (vapours) or 0.5 mg/L (mists), LC50 = 128.2 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>LD50 = 17 g/kg (Rat)</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Sodium phosphate, monobasic</td>
<td>LD50 = 8290 mg/kg (Rat)</td>
<td>LD50 &gt; 7940 mg/kg (Rabbit)</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Toxicologically Synergistic Products
No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation
Irritating to eyes, respiratory system and skin

Sensitization
No information available

Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>IARC</th>
<th>NTP</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>50-00-0</td>
<td>Group1</td>
<td>Known</td>
<td>A1</td>
<td>X</td>
<td>A2</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>67-56-1</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>7558-79-4</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Sodium phosphate, monobasic</td>
<td>7558-80-7</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans

NTP: (National Toxicity Program)

Known - Known Carcinogen
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

ACGIH: (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen
A2 - Suspected Human Carcinogen
A3 - Animal Carcinogen

Mexico - Occupational Exposure Limits - Carcinogens

A1 - Confirmed Human Carcinogen
A2 - Suspected Human Carcinogen

We provide solution for you!

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Mutagenic Effects
Mutagenic effects have occurred in humans.
Reproductive Effects
Experiments have shown reproductive toxicity effects on laboratory animals.
Developmental Effects
Developmental effects have occurred in experimental animals.
Teratogenicity
Teratogenic effects have occurred in experimental animals.
STOT - single exposure
Respiratory system, Central nervous system (CNS)
STOT - repeated exposure
Kidney Liver spleen Blood
Aspiration hazard
No information available
Symptoms / effects, both acute and delayed
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
Endocrine Disruptor Information
No information available
Other Adverse Effects
Tumorigenic effects have been reported in experimental animals.
The toxicological properties have not been fully investigated.
See actual entry in RTECS for complete information.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment. Contains a substance which is: Toxic to aquatic organisms.

<table>
<thead>
<tr>
<th>Component</th>
<th>Freshwater Algae</th>
<th>Freshwater Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Not listed</td>
<td>Leuciscus idus:</td>
<td>Not listed</td>
<td>EC50 = 20 mg/L 96h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 15 mg/L 96h</td>
<td></td>
<td>EC50 = 2 mg/L 48h</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>Not listed</td>
<td>Pimephales promelas:</td>
<td>EC50 = 39000 mg/L 25 min</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 &gt; 10000 mg/L 96 h</td>
<td>EC50 = 40000 mg/L 15 min</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EC50 = 43000 mg/L 5 min</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EC50 &gt; 10000 mg/L 24h</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability
Miscible with water Persistence is unlikely based on information available.

Bioaccumulation/ Accumulation
No information available.

Mobility
Will likely be mobile in the environment due to its water solubility.

<table>
<thead>
<tr>
<th>Component</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>-0.35</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>-0.74</td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATION

Waste Disposal Methods
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.
14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IMDG/IMO</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

All of the components in the product are on the following Inventory lists: X = listed
International Inventories

Legend:
X - Listed
E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.
F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

<table>
<thead>
<tr>
<th>Component</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>NLP</th>
<th>PICCS</th>
<th>ENCS</th>
<th>AICS</th>
<th>IECSC</th>
<th>KECL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>231-791-2</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>200-001-8</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>200-659-6</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>231-448-7</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium phosphate, monobasic</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>231-449-2</td>
<td>-</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.
P - Indicates a commenced PMN substance
R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
S - Indicates a substance that is identified in a proposed or final Significant New Use Rule
T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.
XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).
Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.
Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

U.S. Federal Regulations
TSCA 12(b) Not applicable
SARA 313

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>50-00-0</td>
<td>3.5 -4</td>
<td>0.1</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>67-56-1</td>
<td>1.2</td>
<td>1</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories See section 2 for more information

CWA (Clean Water Act)

<table>
<thead>
<tr>
<th>Component</th>
<th>CWA - Hazardous Substance</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>x</td>
<td>100 lb</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>x</td>
<td>500 lb</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Clean Air Act

<table>
<thead>
<tr>
<th>Component</th>
<th>HAPS Data</th>
<th>Class 1 Ozone Depletors</th>
<th>Class 2 Ozone Depletors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>x</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OSHA Occupational Safety and Health Administration

<table>
<thead>
<tr>
<th>Component</th>
<th>Specifically Regulated Chemical</th>
<th>Highly Hazardous Chemical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>2 ppm</td>
<td>TQ: 1000 lb</td>
</tr>
<tr>
<td></td>
<td>0.5 ppm Action level</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.75 ppm TWA</td>
<td></td>
</tr>
</tbody>
</table>

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substance RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>100 lb</td>
<td>100 lb</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>5000 lb</td>
<td>-</td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>5000 lb</td>
<td>-</td>
</tr>
</tbody>
</table>

California Proposition 65

This product contains the following proposition 65 chemicals

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>California Prop.65</th>
<th>Prop 65 NSRL</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>50-00-0</td>
<td>Carc, (Gaseous only)</td>
<td>40 ug/day</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>67-56-1</td>
<td>Developmental</td>
<td>-</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Component</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Methyl alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

U.S. Department of Transportation

Reportable Quantity (RQ): Y
DOT Marine Pollutant N
DOT Severe Marine Pollutant N

U.S. Department of Homeland Security

This product contains the following DHS chemicals:
Component | DHS Chemical Facility Anti-Terrorism Standard
--- | ---
Formaldehyde | 11250 lb STQ (solution)
Sodium phosphate, dibasic | 2000 lb STQ

Other International Regulations
Mexico - Grade Slight risk, Grade 1

16. OTHER INFORMATION

Prepared by TissuePro Technology

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Fax Number: 352-393-6015
Email: customerservice@tissueprotech.com

Revision Date 12-Dec-2018
Print Date 14-Feb-2018
Revision Summary This document has been updated to comply with the US OSHA HazCom 2012 Standard replacing the current legislation under 29 CFR 1910.1200 to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Disclaimer

The information provided in this Safety Data Sheet is believed to be accurate and represents the best information currently available to us. The information given is design only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.

End of the SDS