1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name:** InStrip

**Recommended Use of the Mixture and Restrictions On Use:**
**Restricted To:** For Professional Use Only
**Uses Advised Against:** Not Recommended for Household Use.

**Details of the Supplier of the Safety Data Sheet**
**Manufacturers Address:**
EaCo Chem, Inc.
765 Commerce Avenue
New Castle, PA 16101
724-656-1055

**Emergency telephone number:**
8:00 AM to 5:00 PM EST Monday-Friday 1-800-313-8505
Non-Business Hours (CHEM-TEL) 1-800-255-3924

2. HAZARDS IDENTIFICATION

2.1 Classification of Mixture

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Category</th>
<th>Hazard Statements</th>
<th>Precautionary Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Target Organ Toxicity – Single Exposure Inhalation</td>
<td>4</td>
<td>H335</td>
<td>P261, P270, P271, P301+P330+P331, P304+P340</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>2</td>
<td>H315</td>
<td>P264, P280, P270, P363, P314, P302+P352</td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>2</td>
<td>H319</td>
<td>P280, P305+P351+P338, P315</td>
</tr>
<tr>
<td>Flammable Liquid</td>
<td>5</td>
<td>H227</td>
<td>P403+P233+P235, P251</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>1B</td>
<td>H360</td>
<td>P263</td>
</tr>
</tbody>
</table>

2.2 Label Elements HCS 2012 (29 CFR 1910)

**PICTOGRAMS**

![Signal Word: WARNING](image)

---

**Product Name:** InStrip  **Page:** 1 of 7  **Issued:** 8/3/2018  **Version:** 2.1
Hazard Statements:

<table>
<thead>
<tr>
<th>Hazard #</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>H227</td>
<td>Combustible liquid</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H360</td>
<td>May damage fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)</td>
</tr>
</tbody>
</table>

Precautionary Statements:

<table>
<thead>
<tr>
<th>Precautionary #</th>
<th>Precautionary Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>P202</td>
<td>Do not handle until all safety precautions have been read and understood.</td>
</tr>
<tr>
<td>P251</td>
<td>Do not pierce or burn, even after use.</td>
</tr>
<tr>
<td>P261</td>
<td>Avoid breathing dust/fume/gas/mist/vapours/spray.</td>
</tr>
<tr>
<td>P263</td>
<td>Avoid contact during pregnancy and while nursing.</td>
</tr>
<tr>
<td>P264</td>
<td>Wash hands thoroughly after handling.</td>
</tr>
<tr>
<td>P270</td>
<td>Do not eat, drink or smoke when using this product.</td>
</tr>
<tr>
<td>P271</td>
<td>Use only outdoors or in a well-ventilated area.</td>
</tr>
<tr>
<td>P273</td>
<td>Avoid release to the environment.</td>
</tr>
<tr>
<td>P280</td>
<td>Wear protective gloves/protection clothing/eye protection/face protection.</td>
</tr>
<tr>
<td>P301+P330+P331</td>
<td>IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</td>
</tr>
<tr>
<td>P302+P352</td>
<td>IF ON SKIN: Wash with plenty of water.</td>
</tr>
<tr>
<td>P304+P340</td>
<td>IF INHALED: Remove person to fresh air and keep comfortable for breathing.</td>
</tr>
<tr>
<td>P305+P351+P338</td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>P314</td>
<td>Get medical advice/attention if you feel unwell.</td>
</tr>
<tr>
<td>P315</td>
<td>Get immediate medical advice/attention.</td>
</tr>
<tr>
<td>P363</td>
<td>Wash contaminated clothing before reuse.</td>
</tr>
<tr>
<td>P501</td>
<td>Dispose of contents/container according to federal, state &amp; local regulations.</td>
</tr>
</tbody>
</table>

2.3 Hazards Not Otherwise Classified (HNOC):
Other Information

3. COMPOSITION/INFORMATION ON MIXTURES

Hazardous Components

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>CAS number</th>
<th>%</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidinone</td>
<td>872-50-4</td>
<td>15-25</td>
<td>*</td>
</tr>
<tr>
<td>Balance</td>
<td>Trade secret</td>
<td>Balance</td>
<td>*</td>
</tr>
</tbody>
</table>

* The exact percentage (concentration) of composition has been withheld as a trade secret.
4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.
Remove contaminated clothing.

If inhaled
If breathed in, move person to fresh air. If not breathing, give artificial respiration.
Consult a physician.

In case of skin contact
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Wash clothes off before reuse. Consult a physician.

In case of eye contact
Check for and remove contact lenses. Immediately flush with plenty of water for at least 15 minutes. Seek medical attention.

If swallowed
Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed:
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed:
No data available.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:
Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

5.2 Special hazards arising from the substance or mixture:
Carbon oxides, nitrogen oxides.

5.3 Advice for firefighters:
If evacuation of personnel is necessary, evacuate to an upwind area. Use protective clothing and NIOSH-approved breathing.

5.4 Further information:
Keep containers and surroundings cool with water spray
6. ACCIDENTAL RELEASE MEASURES
6.1 Personal precautions, protective equipment and emergency procedures:
Wear appropriate PPE. Evacuate the area and eliminate all sources of ignition. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Avoid run off to waterways or storm drains.

6.2 Environmental precautions:
Do not let product enter waterways or storm drains. Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up:
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local, state and federal regulations. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:
For disposal see section 13.

7. HANDLING AND STORAGE
7.1 Precautions for safe handling:
Keep away from heat and sources of ignition. Protect against physical damage. Isolate from incompatible substances. Equipment should be electrically grounded. Empty drums contain residue (vapors, liquid) which may be hazardous. Observe all warning and precautions listed for this product in section 2.2.

7.2 Conditions for safe storage, including any incompatibilities:
Keep container tightly closed in a dry and well-ventilated place at ambient temperatures. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Regulatory Requirements: N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering controls: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Control: Provide adequate ventilation to control airborne concentration. In case of insufficient ventilation, wear suitable respiratory equipment.

Administrative controls: Educate and train employees in safe use of this product. Follow all label warnings and data sheet instructions.
**Personal Protection:** As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard assessment of all workplaces to determine the need for proper protective equipment for each employee.

**Eye Protection:** Close fitting safety goggles. Face Protection shield if needed.

**Skin and Body Protection:** Wear protective gloves and protective clothing.

**Respiratory Protection:** If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
- **a)** Appearance Form: Beige paste
- **b)** Odor: mild
- **c)** Odor Threshold: Not Determined.
- **d)** pH: 7.5
- **e)** Melting point/freezing point: No data available
- **f)** Boiling point: N/A
- **g)** Flash point: > 150 F
- **h)** Evaporation rate: No data available
- **i)** Flammability (solid, gas): Not applicable
- **j)** Upper/lower flammability or explosive limits: No data available
- **k)** Vapor pressure: No data available
- **l)** Vapor density: No data available
- **m)** Relative density (Water =1): 1.03 g/cm³ at 25°C (77°F)
- **n)** Water solubility: Slight
- **o)** Auto-ignition temperature: No data available
- **p)** Decomposition temperature: No data available
- **q)** Viscosity: Thick paste
- **r)** Explosive properties: No data available
- **s)** Oxidizing properties: No data available

### 10. STABILITY AND REACTIVITY

10.1 Reactivity: No data available
10.2 Chemical stability: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions: No data available
10.4 Conditions to avoid: High heat
10.5 Incompatible materials: Strong acids and strong oxidizing agents.
10.6 Hazardous decomposition products: Nitrogen oxides, carbon monoxides, and carbon dioxides
10.7 Other decomposition products: No data available
10.8 Other Information: In the event of fire: See section 5

### 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

**Product Information:**
- Inhalation: No data available
- Ingestion: Harmful if swallowed
- Eyes: Causes irritation and possible damage if left untreated.
Skin: Causes irritation with prolonged contact. Skin contact may aggravate an existing dermatitis condition.

**Germ cell mutagenicity:** No data available  
**Carcinogenicity:** No data available  
**Reproductive toxicity:** No data available  
**Specific target organ toxicity - single exposure:** No data available  
**Specific target organ toxicity - repeated exposure:** No data available  
**Aspiration hazard:** No data available  
**Additional Information:** No data available

**12. ECOLOGICAL INFORMATION**

12.1 **Toxicity:** No data available  
12.2 **Persistence and Degradability:** No data available  
12.3 **Bioaccumulative Potential:** No data available  
12.4 **Mobility in Soil:** No data available  
12.5 **Other Adverse Ecological Effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Method:** If possible, recover product for intended use. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Empty Container Precautions:** No data available.

**Contaminated packaging:** Dispose of as unused product. Do not reuse container.

**14. TRANSPORT INFORMATION**

**DOT Classification:** Not regulated by the DOT.  
**DOT Information:** No data available.

**Important Note:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company’s Hazardous Materials/Dangerous Goods expert for information specific to your situation.

**15. REGULATORY INFORMATION**

This listing is to highlight federal level regulations of the product. Individual states, and other nations may have further regulations not listed below.

**Classification of Mixture:**

**US Federal Regulations:**  
SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.
SARA 311/312 Hazard Categories:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

US State Right-to-Know Regulations:
California: No Significant Risk Level: Not Listed

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>PA</th>
<th>MA</th>
<th>MN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methyl-2-pyrrolidinone (872-50-4)</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

HMIS® Hazard Ratings:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>1</td>
</tr>
<tr>
<td>FIRE</td>
<td>2</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>B*</td>
</tr>
</tbody>
</table>

4 = EXTREME / 3 = HIGH / 2 = MODERATE / 1 = SLIGHT / 0 = INSIGNIFICANT

*B: Chemical resistant gloves & goggles.

Disclaimer: The information herein is given in good faith, but no warranty, either expressed or implied is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.

END OF SDS