1. IDENTIFICATION

Product Identifier
Product Name: Westop 480

Recommended use of the chemical and restrictions on use
Recommended use: Rust inhibitor
Restrictions on use: For industrial use only

Supplier details
West Penetone Inc.
10900 Secant
Montreal, QC,
H1J 5S1
Tel: 514-355-4660

Emergency Telephone Number
Canutec (613)-996-6666

2. HAZARDS IDENTIFICATION

Classification
<table>
<thead>
<tr>
<th>Eye damage/ irritation</th>
<th>Category 2A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Acute oral toxicity</td>
<td>Category 4</td>
</tr>
</tbody>
</table>

Label Elements

WARNING
Hazard Statements
Causes serious eye irritation
Causes skin irritation
Harmful if swallowed

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not eat, drink or smoke when using this product.

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF ON SKIN (or hair): Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
IF SWALLOWED: Rinse mouth. Call a POISON CENTER/ doctor/ if you feel unwell.

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium nitrite</td>
<td>7632-00-1</td>
<td>10-15</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>10-15</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**Eye contact**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact physician if irritation persists.

**Skin contact**
Rinse skin with water. Wash contaminated clothing before reuse.

**Inhalation**
Not applicable

**Ingestion**
Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**
Causes irritation to eyes and to skin. Symptoms include tingling sensation and / or reddening.

**Indication of any immediate medical attention and special treatment needed**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
None.

**Specific hazards arising from the chemical**
None known.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Environmental Precautions
Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up
Rinse area with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Handling
Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities
Storage
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials
Acids, amines, ammonia, reducing agents, organic materials, cyanides and cyanates.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters
None of the constituents in this product have a known exposure limit.

Appropriate engineering controls
Engineering Controls
Not required.

Individual protection measures, such as personal protective equipment
Eye/face Protection
Safety goggles.

Skin and body protection
Wear protective gloves.

Respiratory Protection
Not required.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :
Clear, green liquid

ODOR
None

ODOR THRESHOLD :
Not applicable

pH :
10

MELTING POINT / FREEZING POINT :
Not available

BOILING POINT/BOILING RANGE :
100°C

VAPOR PRESSURE, mm Hg AT 20°C :
Not applicable

VAPOR DENSITY (Air = 1) :
Not applicable

RELATIVE DENSITY AT 20°C:
1.07

SOLUBILITY IN WATER :
Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :
Not available

AUTO-IGNITION TEMPERATURE :
None
10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive

**Conditions to Avoid**
Store away from incompatible materials.

**Chemical Stability**
Stable under normal conditions.

**Possibility of hazardous reactions**
None

**Incompatible Materials**
Acids, amines, ammonia, reducing agents, organic materials, cyanides and cyanates.

11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium nitrite 7632-00-0</td>
<td>85 mg/kg (Rat)</td>
<td>No data available</td>
<td>5.5 mg/L (rat) – 4 hours</td>
</tr>
<tr>
<td>Triethanolamine 102-71-6</td>
<td>8680 mg/kg (Rat)</td>
<td>No data available</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**Information on likely sources of exposure**

- **Serious eye damage/irritation**: Irritating to eyes.
- **Skin corrosion/irritation**: Causes skin irritation.

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

- **Respiratory or skin sensitization**: Not a sensitizer.
- **Germ cell mutagenicity**: None known.
- **Carcinogenicity**: No listed human carcinogens.
- **Reproductive toxicity**: None known.
- **STOT - single exposure**: None known.
- **STOT-repeated exposure**: None known.
- **Aspiration Hazard**: None

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms include tingling sensation and / or reddening.
12. ECOLOGICAL INFORMATION

Ecotoxicity
No information available

Persistence and degradability  Bioaccumulative potential
No information available  No information available

Mobility in soil  Other adverse effects
No information available  None known

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method
Dispose of in accordance with local regulations.

Contaminated Packaging
Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

TDG classification
Not regulated

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION

Preparation Date  January 2, 2017
Revision Date  not applicable
Revision Note  not applicable

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS