1. IDENTIFICATION

Product Identifier
Product Name: Wescodyne

Recommended use of the chemical and restrictions on use
Recommended use: Sanitizer - disinfectant
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>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Eye damage/Irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Corrosive to metals</td>
<td>Category 1</td>
</tr>
</tbody>
</table>

Label Elements

DANGER

Hazard Statements
Causes severe skin burns and eye damage.
May be corrosive to metals.

Precautionary Statements - Prevention
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep only in original packaging.

Precautionary Statements - Response
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.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage.
Precautionary Statements - Storage
Store locked up

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>Ethoxylated nonylphenol</td>
<td>9016-45-9</td>
<td>5-10</td>
</tr>
<tr>
<td>Iodine</td>
<td>7553-56-2</td>
<td>1-2</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. Immediately call a POISON CENTER or doctor/physician

**Skin contact**
Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**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 burns to eyes, skin and mucous membranes. Symptoms include tingling sensation and/or reddening of tissues.

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**
The product causes burns of eyes, skin and mucous membranes.

**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
Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

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
Strong alkalis.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters
Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine 7553-56-2</td>
<td>TWA: 0.01 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL: 0.1 ppm</td>
</tr>
</tbody>
</table>

Appropriate engineering controls
Engineering Controls
Ensure adequate ventilation, especially in confined areas.

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

Skin and body protection
Wear rubber or neoprene gloves.

Respiratory Protection
If exposure limits are exceeded or if ventilation is inadequate, NIOSH/MSHA approved respiratory protection for acid fumes should be worn.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE :** Clear, brown liquid
**ODOR:** None
**ODOR THRESHOLD :** Not applicable

**VAPOR PRESSURE, mm Hg AT 20°C :** Not applicable
**VAPOR DENSITY (Air = 1) :** Not applicable
**RELATIVE DENSITY AT 20°C :** 1.03
pH: 2

SOLUBILITY IN WATER: Complete

MELTING POINT / FREEZING POINT:
Not available

PARTITION COEFFICIENT, N-OCTANOL/WATER:
Not available

BOILING POINT/BOILING RANGE: 100 ºC

AUTO-IGNITION TEMPERATURE:
None

FLASH POINT:
None

DECOMPOSITION TEMPERATURE:
Not available

EVAPORATION RATE, water = 1:
1

VISCOSITY:
Not available

FLAMMABILITY (SOLID, GAS):
Not applicable

UPPER: Not applicable  LOWER: Not applicable

10. STABILITY AND REACTIVITY

Reactivity
Not reactive.

Chemical Stability
Stable under normal conditions.

Possibility of hazardous reactions
None

Conditions to Avoid
Store away from incompatible materials.

Incompatible Materials
Strong alkalis.

Hazardous decomposition products
None known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral (Rat)</th>
<th>LD50 Dermal (Rat)</th>
<th>LC50 Inhalation (L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine 7553-56-2</td>
<td>14000 mg/kg</td>
<td>220 mg/kg</td>
<td>1.5 mg/L 4 hours</td>
</tr>
<tr>
<td>Ethoxylated nonylphenol 9016-45-9</td>
<td>3013 mg/kg</td>
<td>Not available</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Information on likely sources of exposure

Serious eye damage/irritation Corrosive to eyes and may cause grave lesions.
Skin corrosion/irritation Corrosive to skin.
Ingestion Ingestion may cause burns to the digestive and respiratory tract.
Inhalation Spray mist may cause irritation or burns to respiratory tract.

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

Respiratory or skin sensitization No information available.
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 of tissues, eventually leading to burn lesions.
12. ECOLOGICAL INFORMATION

**Ecotoxicity**
If available, ecotoxicity values of individual components are shown below.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Fish</th>
<th>Waterflea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine 7553-56-2</td>
<td>1.7 mg/L LC50</td>
<td>0.2 mg/L Daphnia magna 48h EC50</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No information available.

**Bioaccumulative potential**
No information available.

**Mobility in soil**
No information available.

**Other adverse effects**
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
D.I.N. 02012359

16. OTHER INFORMATION

**Preparation Date**
January 2, 2017

**Revision Date**
Not applicable

**Revision Note**
Not applicable

**Disclaimer**
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End of SDS