SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Mixture
Product name: OPEN WIDE
CAS No: 1310-73-2
Product code: C-502X

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Drain Opener

1.3. Details of the supplier of the safety data sheet

CK Industrial
21 Swan Drive
Rexford, NY 12148-1388
T 518-248-0798 - F 518-383-6809

1.4. Emergency telephone number

Emergency number: Chem Tel 800-255-3924

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Met. Corr. 1: H290
Skin Corr. 1A: H314
Eye Dam. 1: H318

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labelling
Hazard pictograms (GHS-US): 

GHS05

Signal word (GHS-US): Danger
Hazard statements (GHS-US): May be corrosive to metals
Causes severe skin burns and eye damage
Causes serious eye damage

Precautionary statements (GHS-US): Keep only in original container
Do not breathe mist, spray, vapours
Wash hands, forearms and face thoroughly after handling
Wear eye protection, protective gloves, face shield
If swallowed: rinse mouth. Do NOT induce vomiting
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
If inhaled: Remove person to fresh air and keep comfortable for breathing
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a doctor, a POISON CENTER
Specific treatment (see first aid on this label. on this label)
Wash contaminated clothing before reuse
Absorb spillage to prevent material damage
Store locked up
Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards

No additional information available
### Section 2.4: Unknown acute toxicity (GHS US)
Not applicable

### Section 3: Composition/information on ingredients

#### 3.1. Substance
Not applicable

#### 3.2. Mixture
Full text of H-phrases: see section 16

### Section 4: First aid measures

#### 4.1. Description of first aid measures
- **First-aid measures general**: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- **First-aid measures after inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
- **First-aid measures after skin contact**: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
- **First-aid measures after 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.
- **First-aid measures after ingestion**: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

#### 4.2. Most important symptoms and effects, both acute and delayed
- **Symptoms/injuries**: Causes severe skin burns and eye damage.
- **Symptoms/injuries after eye contact**: Causes serious eye damage.

#### 4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

### Section 5: Firefighting measures

#### 5.1. Extinguishing media
- **Unsuitable extinguishing media**: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture
- **Reactivity**: Corrosive vapours.

#### 5.3. Advice for firefighters
- **Firefighting instructions**: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- **Protection during firefighting**: Do not enter fire area without proper protective equipment, including respiratory protection.

### Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel
- **Emergency procedures**: Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders
- **Protective equipment**: Equip cleanup crew with proper protection.
- **Emergency procedures**: Ventilate area.

#### 6.2. Environmental precautions
- Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up
- **Methods for cleaning up**: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Absorb spillage to prevent material damage.

### Reference to other sections
See Heading 8. Exposure controls and personal protection.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed: May be corrosive to metals.

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact during pregnancy/while nursing.

Hygiene measures: Wash ... thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations.

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

Packaging materials: Store in corrosive resistant/... container with a resistant inner liner.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>OPEN WIDE (1310-73-2)</th>
<th>ACGIH Ceiling (mg/m³)</th>
<th>2 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>URT, eye, &amp; skin irr</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>2 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls


Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or face shield.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Wear appropriate protective mask.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Colourless

Odour: Almost odourless lemon-like

Odour threshold: No data available

pH: >= 13

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: >= 200 °F

Relative evaporation rate (butylacetate=1): No data available

Flammability (solid, gas): No data available

Explosive limits: No data available

Explosive properties: No data available

Oxidising properties: No data available
Vapour pressure : No data available
Relative density : No data available
Relative vapour density at 20 °C : No data available
Solubility : No data available
Log Pow : No data available
Log Kow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
Corrosive vapours.

10.2. Chemical stability
Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong bases. Metals. May be corrosive to metals.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Acute toxicity : Not classified
Skin corrosion/irritation : Causes severe skin burns and eye damage.
                   pH: >= 13
Serious eye damage/irritation : Causes serious eye damage.
                   pH: >= 13
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
Symptoms/injuries after eye contact : Causes serious eye damage.

SECTION 12: Ecological information
12.1. Toxicity
No additional information available
### 12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>OPEN WIDE (1310-73-2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>OPEN WIDE (1310-73-2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Waste disposal recommendations</th>
<th>Dispose in a safe manner in accordance with local/national regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecology - waste materials</td>
<td>Avoid release to the environment.</td>
</tr>
</tbody>
</table>

### SECTION 14: Transport information

**Department of Transportation (DOT)**

- **In accordance with DOT**
- **Transport document description**: UN1824 Sodium hydroxide solution, 8, II
- **UN-No.(DOT)**: UN1824
- **Proper Shipping Name (DOT)**: Sodium hydroxide solution
- **Transport hazard class(es) (DOT)**: 8 - Class 8 - Corrosive material 49 CFR 173.136
- **Hazard labels (DOT)**: 8 - Corrosive
  - LTD QTY - Limited quantity

<table>
<thead>
<tr>
<th>Packing group (DOT)</th>
<th>II - Medium Danger</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT Packaging Bulk (49 CFR 173.xxx)</td>
<td>242</td>
</tr>
<tr>
<td>DOT Packaging Exceptions (49 CFR 173.xxx)</td>
<td>154</td>
</tr>
<tr>
<td>DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)</td>
<td>1 L</td>
</tr>
<tr>
<td>DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)</td>
<td>30 L</td>
</tr>
<tr>
<td>DOT Vessel Stowage Location</td>
<td>A - The material may be stowed &quot;on deck&quot; or &quot;under deck&quot; on a cargo vessel and on a passenger vessel.</td>
</tr>
<tr>
<td>DOT Vessel Stowage Other</td>
<td>52 - Stow &quot;separated from&quot; acids</td>
</tr>
</tbody>
</table>

**Additional information**

- **Emergency Response Guide (ERG) Number**: 154
- **Other information**: No supplementary information available.

**ADR**

No additional information available

**Transport by sea**

- **UN-No. (IMDG)**: 1824
- **Proper Shipping Name (IMDG)**: SODIUM HYDROXIDE SOLUTION
- **Class (IMDG)**: 8 - Corrosive substances
Packing group (IMDG) : II - substances presenting medium danger

Air transport
UN-No.(IATA) : 1824
Proper Shipping Name (IATA) : Sodium hydroxide solution
Class (IATA) : 8 - Corrosives
Packing group (IATA) : II - Medium Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

OPEN WIDE (1310-73-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Not listed on the United States SARA Section 313
RQ (Reportable quantity, section 304 of EPA's List of Lists) 1000 lb
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory
This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA
No additional information available

EU-Regulations
No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]
No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified

National regulations
No additional information available

15.3. US State regulations

OPEN WIDE(1310-73-2)
State or local regulations
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

Other information : None.

Full text of H-phrases:

- Eye Dam. 1 : Serious eye damage/eye irritation, Category 1
- Met. Corr. 1 : Corrosive to metals, Category 1
- Skin Corr. 1A : Skin corrosion/irritation, Category 1A
- H290 : May be corrosive to metals
- H314 : Causes severe skin burns and eye damage
- H318 : Causes serious eye damage
### OPEN WIDE
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>NFPA health hazard</th>
<th>3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA fire hazard</td>
<td>0 - Materials that will not burn.</td>
</tr>
<tr>
<td>NFPA reactivity</td>
<td>1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.</td>
</tr>
</tbody>
</table>

#### HMIS III Rating

<table>
<thead>
<tr>
<th>Health</th>
<th>3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0 Minimal Hazard - Materials that will not burn.</td>
</tr>
<tr>
<td>Physical</td>
<td>1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>D - Face shield and eye protection, Gloves, Synthetic apron.</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.