1. Product and Company Identification

UN/ID No: UN 1987

Trade Name: Platen Glass Cleaner for Xerox Products

Supplier Address:
- Xerox Corporation
  Rochester, NY 14644
- Xerox Canada LTD.
  5650 Yonge Street
  North York, Ontario M2M4G7

Emergency telephone:
- Safety Information US: (800) 275-9376
- Chemical Emergency only (Chemtrec) (800) 424-9300

2. Hazards Identification

<table>
<thead>
<tr>
<th>Color</th>
<th>Appearance</th>
<th>Physical state</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colorless</td>
<td>Clear</td>
<td>Liquid</td>
<td>Alcohol</td>
</tr>
</tbody>
</table>

**DANGER**

Emergency Overview
- Flammable liquid
- Irritating to eyes

Classification of the substance or mixture

**Consumers**
- Skin Corrosion/Irritation: Category 1
- Serious Eye Damage/Eye Irritation: Category 1
- Reproductive toxicity: Category 1A
- Specific Target Organ Toxicity (Single Exposure): Category 3
- Specific Target Organ Toxicity (Repeated Exposure): Category 1
- Flammable liquids: Category 3
GHS Label elements, including precautionary statements

Signal Word: Danger

Hazard Statements:
- H314 - Causes severe skin burns and eye damage
- H336 - May cause drowsiness and dizziness
- H372 - Causes damage to organs through prolonged or repeated exposure
- H226 - Flammable liquid and vapor

Precautionary Statements:
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P202 - Do not handle until all safety precautions have been read and understood
- P281 - Use personal protective equipment as required
- P312 - Call a POISON CENTRE/doctor/physician if you feel unwell
- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P233 - Keep container tightly closed
- P403 + P235 - Store in a well-ventilated place. Keep cool
- P370 + P380 + P375 - In case of fire, use water/water spray/water jet/leaves of trees/chemical powder for extinction
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray
- P264 - Wash hands thoroughly after handling
- P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- P363 - Wash contaminated clothing before reuse
- P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P501 - Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

None known

Potential Health Effects

Principle Routes of Exposure: Inhalation, Skin contact

Acute toxicity:
- Eyes: Irritating to eyes
- Skin: None known
- Inhalation: Irritating to respiratory system
- Ingestion: May cause irritation

Chronic effects:
- Main symptoms: Central nervous system depression, cardiovascular and respiratory depression and gastrointestinal irritation.

Aggravated medical conditions:
- None under normal use conditions

Environmental hazard:
See Section 12 for additional Ecological Information
3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>60-100</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>5-15</td>
</tr>
</tbody>
</table>

4. First Aid Measures

**General advice**
When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

**Eye contact**
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Call a physician if irritation persists

**Skin contact**
Wash off immediately with soap and plenty of water

**Inhalation**
Move to fresh air

**Ingestion**
Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention

**Notes to physician**
Treat symptomatically

**Protection of first-aiders**
No special protective equipment required

5. Fire-Fighting Measures

**Flammable properties**
Flammable liquid

**Flash point**
27 °C / 80 °F
Cleveland closed cup

**Suitable extinguishing media**
Carbon dioxide (CO₂), Water spray, fog or alcohol-resistant foam

**Unsuitable extinguishing media**
None

**Specific hazards arising from the chemical**

**Hazardous combustion products**
May emit toxic fumes under fire conditions

**Explosion Data**

- **Sensitivity to Mechanical Impact**
  Not impact sensitive
- **Sensitivity to Static Discharge**
  May be ignited by heat, sparks or flames
  Take precautionary measures against static discharges

**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
7. Handling and Storage

Advice on safe handling
Keep away from heat, sparks and open flame. No smoking

Technical measures/Storage conditions
Keep in a dry, cool and well-ventilated place

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice

8. Exposure Controls/Personal Protection

Exposure guidelines

Product information
Xerox Exposure Limit
None established

Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>STEL 1000 ppm</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 1900 mg/m³</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>STEL 400 ppm</td>
<td>TWA: 400 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 200 ppm</td>
<td>TWA: 980 mg/m³</td>
</tr>
</tbody>
</table>

Occupational Exposure Controls

Engineering measures
None under normal use conditions.

Personal Protective Equipment

Consumer use
These recommendations apply to the product as supplied

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required

Eye/Face protection
No special protective equipment required

Skin and body protection
No special protective equipment required

Hand protection
Protective gloves

Glove material
Nitrile rubber
Latex
9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>10.6</td>
</tr>
<tr>
<td>Flash point</td>
<td>27 °C / 80 °F</td>
</tr>
<tr>
<td>Softening point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Volatility</td>
<td>100 % (Wt.)</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>780 g/L</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>Linked phrase is missing its translation in (0)</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>15 mmHg @ 20 °C</td>
</tr>
<tr>
<td>Vapor density</td>
<td>0.85 (air = 1)</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Completely soluble</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>3.1 (n-butylacetate=1)</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.82</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No dangerous reaction known under conditions of normal use</td>
</tr>
<tr>
<td>Stability</td>
<td>Stable under normal conditions</td>
</tr>
<tr>
<td>Incompatible products</td>
<td>Incompatible with Acetyl Chloride, oxidizers</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Heat, flames and sparks</td>
</tr>
<tr>
<td></td>
<td>Take precautionary measures against static discharges</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>None under normal use</td>
</tr>
<tr>
<td>Hazardous polymerization</td>
<td>Hazardous polymerization does not occur</td>
</tr>
<tr>
<td>Hazardous reactions</td>
<td>None under normal processing</td>
</tr>
</tbody>
</table>

11. Toxicological Information

Acute toxicity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>Irritating to eyes</td>
</tr>
<tr>
<td>LD50 Oral</td>
<td>&gt; 21 g/kg (rat)</td>
</tr>
<tr>
<td>LD50 Dermal</td>
<td>&gt; 20 g/kg (rabbit)</td>
</tr>
<tr>
<td>LC50 Inhalation</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Ethyl alcohol 7060 mg/kg (Rat) 124.7 mg/L (Rat) 4 h
Isopropyl alcohol 1870 mg/kg (Rat) 4059 mg/kg (Rabbit) 72600 mg/m³ (Rat) 4 h

**Chronic toxicity**

**Main symptoms**
Central nervous system depression, cardiovascular and respiratory depression and gastrointestinal irritation.

**Aggravated medical conditions**
None under normal use conditions

**Carcinogenicity**
See "Other Information" in this section.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Known</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other Information**
Ethanol is classified as carcinogenic to humans when in the form of alcoholic beverages. This product is not an alcoholic beverage and should not be ingested. Therefore, the classification does not apply to this product.

**Other toxic effects**

**Product information**

| Sensitization | Not a sensitizer |
| Mutagenic effects | Not determined |
| Teratogenicity | No information available |
| Target organ effects | No information available |
| Aspiration Hazard | Not applicable |
| Other adverse effects | Prolonged skin contact may defat the skin and cause dryness |

**Other Information**
The IARC (International Agency for Research on Cancer) and NTP (National Toxicity Program) have listed ethanol as carcinogenic to humans when in the form of alcoholic beverages. This product is not an alcoholic beverage and should not be ingested. Therefore, the classification does not apply to this product.

**12. Ecological Information**

**Ecotoxicity**
The environmental impact of this product has not been fully investigated.

**Component information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50 12.0 - 16.0 mL/L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oncorhynchus mykiss 96 h</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50&gt; 100 mg/L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pimephales promelas 96 h</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50 13400 - 15100 mg/L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pimephales promelas 96 h</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>1000 mg/L EC50 96 h</td>
<td>LC50 = 9640 mg/L</td>
<td>EC50 = 35390 mg/L 5 min</td>
<td>EC50 = 13299 mg/L 48 h</td>
</tr>
<tr>
<td>(Desmodesmus subsppicatus)</td>
<td>1000 mg/L</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50 72 h (Desmodesmus subsppicatus)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability**
No product level data available

**Bioaccumulation**
No product level data available

**Mobility**
No product level data available

**Component information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>-0.32</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>0.05</td>
</tr>
</tbody>
</table>

600E66270
Other adverse effects: No information available

13. Disposal Considerations

Waste Disposal Methods: Can be incinerated, when in compliance with local regulations. Dispose of as D001 Hazardous waste.

Contaminated packaging: Dispose of in accordance with local regulations.

US EPA Waste Number: D001

California Waste Status: This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>Toxic Ignitable</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>Toxic Ignitable</td>
</tr>
</tbody>
</table>

14. Transport Information

Note: Subject to regulation as noted below. Exceptions may apply.

DOT:
- Proper shipping name: Alcohols, n.o.s
- Hazard class: 3
- UN/ID No: UN 1987
- Packing Group: III
- Exceptions: Limited Quantity : 49CFR 173.150(b)

TDG:
- Proper shipping name: Alcohols, n.o.s. (Ethanol, Isopropanol)
- UN/ID No: UN1987
- Packing Group: III
- Exceptions: 1.17 Limited Quantities

ICAO/IATA:
- Proper shipping name: Alcohols, n.o.s. (Ethanol, Isopropanol)
- Hazard class: 3
- UN/ID No: UN1987
- Packing Group: III
- Exceptions: 2.7 Limited Quantities

IMDG/IMO:
- Proper shipping name: Alcohols, n.o.s. (Ethanol, Isopropanol)
- Hazard class: 3
- UN/ID No: UN1987
- Packing Group: III
- Exceptions: 3.4 Limited Quantities

15. Regulatory Information

International Inventories:
- TSCA: Complies
U.S. Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any 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
Fire Hazard Yes

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any HAPs.

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

TSCA
TSCA 12(b) does not apply to this product.

U.S. State Regulations
California Proposition 65
California Proposition 65 lists ethanol as carcinogenic to humans when in the form of alcoholic beverages. This product is not an alcoholic beverage and should not be ingested. Therefore, the classification does not apply to this product.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>California Prop. 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>Carcinogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations
This product is subject to U.S. State Right-to-know regulations as noted below.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

WHMIS Hazard Class
D2B Toxic materials
B2 Flammable liquid

NPRI
This product contains the following substances listed on the NPRI for Canada:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>X</td>
</tr>
</tbody>
</table>

16. Other Information
Issuing Date 1983-02-18
Revision Date 2015-05-18
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