1. PRODUCT AND COMPANY IDENTIFICATION

UN/ID No
UN 1219

Trade Name
General Solvent / Xerox Cleaning Fluid

Part no.
008R90176

Color
Colorless

Pure substance/mixture
Mixture

Identified uses
Cleaning agent

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

2. HAZARDS IDENTIFICATION

DANGER

Emergency Overview
Flammable liquid
Irritating to eyes
May cause drowsiness and dizziness

<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>

Classification of the substance or mixture

Consumers

<table>
<thead>
<tr>
<th>Hazard Description</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Eye Damage/Eye Irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity (Single Exposure)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

GHS Label elements, including precautionary statements
Symbol(s)
Signal Word  Danger

Hazard Statements
H225 - Highly flammable liquid and vapor
H319 - Causes serious eye irritation
H336 - May cause drowsiness and dizziness

Precautionary Statements
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P240 - Ground/Bond container and receiving equipment
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P280 - Wear eye protection/ face protection

Potential Health Effects

Principle Routes of Exposure
No information available

Acute Toxicity
Eyes
Risk of serious damage to eyes
Skin
Prolonged or repeated contact may dry skin and cause irritation
Inhalation
May cause drowsiness and dizziness
Ingestion
May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination

Chronic effects

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>Water</td>
<td>7732-18-5</td>
<td>60</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>40</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General advice
Show this material safety data sheet to the doctor in attendance.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes, If eye irritation persists, consult a specialist

Skin contact
Wash skin with soap and water

Inhalation
Move to fresh air

Ingestion
Drink plenty of water

Notes to physician
Treat symptomatically
Protection of first-aiders  
No special protective equipment required

5. FIRE-FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Flammable properties</th>
<th>Extremely flammable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>22 °C</td>
</tr>
<tr>
<td>Method</td>
<td>Closed cup</td>
</tr>
</tbody>
</table>

Suitable extinguishing media  
Water spray, Alcohol-resistant foam, Dry chemical

Unsuitable extinguishing media  
Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical  
Will be easily ignited by heat, sparks or flames

Hazardous combustion products  
May emit toxic fumes under fire conditions

Explosion Data
  Sensitivity to Mechanical Impact  
  Not impact sensitive
  Sensitivity to Static Discharge  
  Not sensitive

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  
For personal protection see section 8

Methods for containment  
Prevent further leakage or spillage if safe to do so

Methods for cleaning up  
Keep in suitable, closed containers for disposal.

Other information  
The environmental impact of this product has not been fully investigated.

7. HANDLING AND STORAGE

Advice on safe handling  
Avoid contact with skin and eyes, Keep away from heat, sparks and open flame. No smoking

Technical measures and storage conditions  
Keep away from heat and sources of ignition, Keep in a dry, cool and well-ventilated place

Hygiene measures  
None under normal use conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<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.

BR547
Personal Protective Equipment

These recommendations apply to the product as supplied

Respiratory protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Eye/Face protection
If splashes are likely to occur, wear: Safety glasses with side-shields

Skin and body protection
Protective gloves

Hand protection
No special protective equipment required

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>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>22 °C</td>
</tr>
<tr>
<td>Softening point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>&gt;35 °C</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>455.6 °C at 20 mm Hg (for isopropanol)</td>
</tr>
</tbody>
</table>

Flammability Limits in Air
No information available

Explosive properties
No information available

Vapor pressure
No information available

Vapor density
No information available

Water solubility
Soluble in water

Viscosity
No information available

Partition coefficient
No information available

Evaporation rate
No information available

Melting point/range
Not applicable

Freezing point
No information available

Decomposition temperature
Not determined

Specific gravity
No information available

10. STABILITY AND REACTIVITY

Reactivity
No dangerous reaction known under conditions of normal use

Stability
Stable under normal conditions

Incompatible products
Strong oxidizing agents

Conditions to Avoid
Heat, flames and sparks, Take precautionary measures against static discharges

Hazardous Decomposition Products
None known based on information supplied

Hazardous polymerization
Hazardous polymerization does not occur
Hazardous reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Irritation

Component Information

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

Chronic toxicity

Carcinogenicity

Contains no ingredient listed as a carcinogen

Other toxic effects

Product Information

Sensitization

No information available

Mutagenic effects

Not expected to be mutagenic

Teratogenicity

No known effect

Target organ effects

No information available

Aspiration Hazard

Not applicable

Other adverse effects

No information available

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>Isopropyl alcohol</td>
<td>1000 mg/L EC50 96 h (Desmodesmus subspicatus) 1000 mg/L EC50 72 h (Desmodesmus subspicatus)</td>
<td>LC50= 9640 mg/L Pimephales promelas 96 h LC50= 11130 mg/L Pimephales promelas 96 h LC50&gt; 1400000 µg/L Lepomis macrochirus 96 h</td>
<td></td>
<td>EC50 = 13299 mg/L 48 h</td>
</tr>
</tbody>
</table>

Persistence and degradability

No information 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>Isopropyl alcohol</td>
<td>0.05</td>
</tr>
</tbody>
</table>

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material should be disposed of as a hazardous waste in the United States (D001 EPA code) and Canada. Small quantity exemptions may apply.
This material should be disposed of using fuels blending, solvent recycling or incineration treatment methods.

Contaminated packaging Dispose of in accordance with local regulations.

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>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: Isopropyl alcohol solution
- Hazard class: 3
- UN/ID No: UN 1219
- Packing Group: II
- Exceptions: Limited Quantity: 49CFR 173.150(b)

**ICAO/IATA**
- Proper shipping name: Isopropyl alcohol solution
- Hazard class: 3
- UN/ID No: UN 1219
- Packing Group: II
- Exceptions: Section 2.7 Dangerous Goods in Limited Quantities

**IMDG/IMO**
- Proper shipping name: Isopropyl alcohol solution
- Hazard class: 3
- UN/ID No: UN 1219
- Packing Group: II
- EmS No.: F-A, S-F
- Exceptions: Chapter 3.4 Dangerous Goods Packed in Limited Quantities

**ADR/RID**
- Proper shipping name: Isopropyl alcohol solution
- Hazard class: 3
- UN/ID No: UN 1219
- Packing Group: II
- Classification Code: F1
- Exceptions: Chapter 3.4 Dangerous Goods Packed in 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>1.0</td>
</tr>
</tbody>
</table>

BR547
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 substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

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
This product complies with TSCA12(b)

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Minnesota</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></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.

16. OTHER INFORMATION

Issuing Date 2015-04-13
Revision Date 2016-05-17
Revision Note Initial Release

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.