SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier 
Touch N Seal Poly-Clean

GHS Product Identifier 
Touch N Seal Poly-Clean

Chemical Name 
Not applicable

Trade Name 
Touch N Seal Poly-Clean

Product Number 
4004712022

CAS No. 
Mixture

EINECS No. 
Mixture

REACH Registration No. 
Not available

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

Identified use(s) 
Cleaner

Uses advised against 
Users are recommended to seek further advice.

1.3 Supplier's details

Company Identification 
Convenience Products, division of Clayton Corp.

Address 
866 Horan Drive, Fenton, MO 63026-2416 USA

Telephone 
(636) 349-5855

E-Mail (competent person) 
support@touch-n-seal.com

1.4 Emergency telephone number – ChemTel Inc.

Emergency Phone No. (800) 255-3924 (US/Canada), (813) 248-0585 (Elsewhere)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Regulation (EC) No. 1272/2008 (CLP) and GHS Classifications - Compressed dissolved gas (Aerosol), Eye Irritation 2, Specific target organ toxicity — single exposure 3, (2.5, 3.3/2, 3.8/3)


2.2 Label elements

2.2.1 Label elements According to Regulation (EC) No. 1272/2008 (CLP) and GHS Standards

Hazard pictogram(s) 
H222: Extremely flammable aerosol.

Hazard statement(s) 
H280: Contains gas under pressure; may explode if heated.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
EUH066: Repeated exposure may cause skin dryness or cracking.

Precautionary Statement(s) 
P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking.
P251: Pressurized container: Do not pierce or burn, even after use.
P260: Do not breathe mist/vapours/spray.
P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P374: Fight fire with normal precautions from a reasonable distance.


Hazard Symbol

Risk Phrases 
R11: Highly flammable.
R36: Irritating to eyes.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

Safety Phrases 
S9: Keep container in a well-ventilated place.
S16: Keep away from sources of ignition - No smoking.
S25: Avoid contact with eyes.
S23: Do not breathe fumes/vapour.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S63: In case of accident by inhalation: remove casualty to fresh air and keep at rest.
2.3 Other hazards

OSHA Classification (USA): Hazardous under OSHA Hazard Communication Standard – Flammable aerosol, Irritant
HMIS: Health-1, Flammability-4, Reactivity - 1
WHMIS Classification (Canada): Hazardous under WHMIS
Class A, Compressed Gas
Class B5, Flammable Aerosol
Class D2B, Material with Other Toxic Effects

2.4 Additional Information

Potential Health Effects
Inhalation May cause drowsiness or dizziness. High exposures by inhalation may produce anesthetic effects.
Eye Contact Causes serious eye irritation.
Skin Contact Causes skin irritation. Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
Ingestion Unlikely route of exposure. May be harmful if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>EC Classification No. 1272/2008/EC</th>
<th>Hazardous ingredient(s)</th>
<th>% W/W</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration No.</th>
<th>Hazard pictogram(s) and Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>&gt;80</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>606-001-00-8</td>
<td>2.6/2, 3.3/2, 3.8/3: H225, H319, H336</td>
<td></td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>&lt;20</td>
<td>124-38-9</td>
<td>204-696-9</td>
<td>NA</td>
<td>2.5 : H280</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EC Classification No. 67/548/EEC</th>
<th>Hazardous ingredient(s)</th>
<th>% W/W</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration No.</th>
<th>EC Classification and Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>&gt;80</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>606-001-00-8</td>
<td>F, Xn, Xi; R11, R36, R66, R67</td>
<td></td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>&lt;20</td>
<td>124-38-9</td>
<td>204-696-9</td>
<td>NA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

3.3 Additional Information
- For full text of H/P phrases see section 16. For full text of R phrases see section 16. Non-Hazardous ingredients are not listed and make up the balance of the product.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.
Skin Contact Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.
Ingestion Unlikely route of exposure. Do not induce vomiting. Make victim drink plenty of water. Obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Acute: Causes irritation to eyes and skin. May cause drowsiness and dizziness. May cause headache, nausea and vomiting. High exposures by inhalation may produce anesthetic effects.
Delayed and chronic effects: Generally similar to acute exposures. Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
Treat symptomatically.

4.3 Indication of the immediate medical attention and special treatment needed
SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media
   Suitable Extinguishing Media: Extinguish preferably with water spray, foam, carbon dioxide or dry chemical.
   Unsuitable Extinguishing Media: None

5.2 Special hazards arising from the substance or mixture
   Extremely flammable aerosol. Decomposes in a fire giving off toxic and irritating fumes.

5.3 Advice for fire-fighters
   A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
   Ensure full personal protection (including respiratory protection) during removal of spillages.

6.2 Environmental precautions
   None

6.3 Methods and material for containment and cleaning up
   Wear suitable protective clothing, gloves and eye/face protection. Remove or make safe all sources of ignition. Allow small spills to evaporate. Absorb large spills in non-flammable material and transfer to lidded container approved for flammable materials. Close container tightly, and send to licensed facility for disposal.

6.4 Reference to other sections
   See Sections 7, 8, 13.

6.5 Additional Information
   None

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
   Avoid contact with skin and eyes. Avoid inhalation of high concentrations of vapours. Use only in well-ventilated areas. Keep away from oxidizing agents. Keep away from fire, sparks and heated surfaces - no smoking.

7.2 Conditions for safe storage, including any incompatibilities
   Store in a well-ventilated place. Do not use or store near heat or open flame. Do not store and transport with oxidizers etc. Containers must not be punctured or destroyed by burning, even when empty.
   Storage Temperature: Ambient. Exposure to temperatures above 140 degrees °F (60 °C) may cause bursting of container.
   Storage Life: Not available
   Incompatible materials: Oxidizing agents

7.3 Specific end use(s)
   Consult the supplier.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>1000</td>
<td>2400</td>
<td>NE</td>
<td>NE</td>
<td>OSHA PEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500</td>
<td>NE</td>
<td>750</td>
<td>NE</td>
<td>ACGIH TLV &amp; STEL</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>5000</td>
<td>9000</td>
<td>30000</td>
<td>NE</td>
<td>OSHA PEL</td>
</tr>
</tbody>
</table>

8.1.2 Biological limit value

<table>
<thead>
<tr>
<th>Limit value type (country of origin)</th>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>Biological limit value</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>Acetone</td>
<td>67-64-1</td>
<td>2500 ppm</td>
<td>NIOSH IDLH Value</td>
</tr>
<tr>
<td>United States</td>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>40000 ppm</td>
<td>NIOSH IDLH Value</td>
</tr>
</tbody>
</table>

8.1.3 PNECs and DNELs
   No PNECs and/or DNELs are available for this product.
8.2 Exposure controls

8.2.1 Appropriate engineering controls

8.2.2 Personal protection equipment

- **Respirators**: Usually Not Needed. In case of inadequate ventilation wear respiratory protection.
- **Eye Protection**: Safety glasses are suggested as good practice.
- **Gloves**: Protective gloves are usually not needed; if chosen, nitrile or neoprene are suggested.
- **Body protection**: Usually Not Needed.

**Engineering Controls**
- Provide sufficient ventilation, particularly in closed rooms.
- **Other**: Thermal Hazard – flammable aerosol

**8.2.3 Environmental Exposure Controls**
- Adequate ventilation must be used. Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Odor</td>
<td>Acetone</td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&lt;-16.7°C / 2 °F</td>
</tr>
<tr>
<td>Auto Ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Flammable aerosol.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Density (g/ml) 0.79</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Substantially soluble.</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Color Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive limit ranges</td>
<td>Approx. 2-12%</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>450°C / 482°F</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Pressure (mm Hg)</td>
<td>&gt; 150 (68°F/20°C)</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>0.79</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity (mPa.s)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

9.2 Other information

- Volatile Organic Chemical (VOC) Content – 0.0 g/l. (Note: Acetone is a VOC exempt solvent)

### SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
- Slight

10.2 Chemical stability
- Stable under normal conditions.

10.3 Possibility of hazardous reactions
- Can react violently if in contact with - Oxidizing agents.

10.4 Conditions to avoid
- Avoid contact with heat and ignition sources.

10.5 Incompatible materials
- Bleaching products and comparable oxidizers.

10.6 Hazardous Decomposition Product(s)
- Carbon monoxide, Carbon dioxide,

### SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LD_{50} (Oral, Rat)</th>
<th>LC_{50} (Inhalation, Rat)</th>
<th>LD_{50} (Dermal, Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>5800 mg/kg</td>
<td>50100 mg/m³ / 8 H</td>
<td>NE</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>NE</td>
<td>470000 ppm / 30 min.</td>
<td>NE</td>
</tr>
</tbody>
</table>

11.1 Information on toxicological effects

11.1.2 Mixtures

- **Acute toxicity and Exposure Effects**
  - **Ingestion**: Not a likely route of exposure. May cause drowsiness and dizziness. May cause headache, nausea, and vomiting.
  - **Inhalation**: May be harmful if inhaled. May cause drowsiness and dizziness. May cause headache, nausea, and vomiting. High exposures by inhalation may produce anesthetic effects.
  - **Skin Contact**: Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
  - **Eye Contact**: Irritating to eyes.
Irritation  Irritating to eyes. Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis. May cause respiratory irritation.

Corrosivity  None Expected.

Repeated dose toxicity  Expected to be similar to single exposures. Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.

Carcinogenicity  No data.

Mutagenicity  No data.

Toxicity for reproduction  No data.

11.2 Other information  None

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity  No data.

12.2 Persistence and degradability  Biodegradable.

12.3 Bioaccumulative potential  None

12.4 Mobility in soil  The product has high mobility in soil.

12.5 Results of PBT and vPvB assessment  No data.

12.6 Other adverse effects  No data.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods  Disposal should be in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Do not pierce or burn, even after use. RCRA Code (USA): U002 – Acetone.

13.2 Additional Information  EU Waste code(s) / waste designation(s): 16 05 04 - gases in pressure containers (including halons) containing dangerous substances; 15 01 04 - metallic packaging.

SECTION 14: TRANSPORT INFORMATION

Land transport (ADR/RID) (a)(c)  Proper Shipping Name: Aerosols, Flammable
Transport hazard class(es): 2.1, HIN=33, RID=5F
Packing Group: Not Applicable
Environmental hazards: NONE
Special precautions for user: NONE

Sea transport (IMDG) (a)(c)  Proper Shipping Name: Aerosols, Flammable
Transport hazard class(es): 2.1, EmS: F-D,S-U
Packing Group: Not Applicable
Marine Pollutant: NONE
Special precautions for user: NONE

Air transport (ICAO/IATA) (a)(c)  Proper Shipping Name: Aerosols, Flammable
Transport hazard class(es): 2.1
Packing Group: Not Applicable
Environmental hazards: NONE
Special precautions for user: NONE

(a)– Consult with transport provider.

(b)– ORM-D may be applicable within the USA for package sizes less than 30kg and quantities less than 1 L, until 1/1/14, and Limited Quantity thereafter.

(c)– Check relevant regulations for Special Provisions.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU regulations
Authorizations and/or restrictions on use  Consult the supplier.
European Union (EINECS/ELINCS)  All chemicals listed
WGK number  Not Applicable.

15.1.2 National regulations
USA  TSCA (Toxic Substance Control Act)  All chemicals listed
SAFETY DATA SHEET
Touch N Seal Poly-Clean

SARA 311/312 - Hazard Categories
- Flammable, Acute Health, Pressure

SARA 302 - Extremely Hazardous Substances
- Listed – None.

SARA 313 - Toxic Chemicals
- Listed – None.

CERCLA (Comprehensive Environmental Response Compensation and Liability Act)
- 5000 lb. RQ as acetone.

CAA (Clean Air Act 1990)
- Listed – None.

CWA (Clean Water Act)
- Listed – None.

State Right to Know Lists
- Listed – CA, CT, FL, MA, MN, NJ, PA, RI.

Proposition 65 (California)
- No listings.

Canada

WHMIS Classification
- Class A, Compressed Gas
- Class B, Division 1, Flammable Gas
- Class D Division 2, Subdivision B, Toxic Material

Canada (DSL/NDSL)
- Listed - DSL

Canada Ingredient Disclosure List (CIDL)
- Listed as required.

15.2 Chemical Safety Assessment: Extremely flammable aerosol. May be harmful if inhaled. Irritant effect on eyes and air passages. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

ACGIH American Conference of Governmental Industrial Hygienists
AICS Australian Inventory of Chemical Substances
ANSI American National Standards Institute
atm atmosphere (pressure unit)
BOD biological oxygen demand
CAS Chemical Abstracts Service
CC closed cup
CDTA Chemical Drug and Trafficking Act
COC Cleveland Open Cup
COD chemical oxygen demand
coeff. coefficient
CFR Code of Federal Regulations
CPR cardio-pulmonary resuscitation
DEA Drug Enforcement Agency
DOT Department of Transportation
DSCL Dangerous Substances Classification and Labeling
EEC European Economic Community
FDA Food and Drug Administration
HMIS Hazardous Materials Information System
IARC International Agency for Research on Cancer
IDLH immediate danger to life or health
kg kilogram
L liter
LC50 median lethal concentration
LD50 median lethal dose
LEL lower explosive limit
mg milligram
mL milliliter

References: RTECS, CAS Registry, EINECS/ESIS, Casarett & Doull’s Toxicology, Goldfranks’s Toxicological Emergencies, Manufacturer Information

Risk Phrases
R11: Highly flammable.
R36: Irritating to eyes.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
Hazard statement(s)
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H225: Highly flammable liquid and vapour.
H280: Contains gas under pressure; may explode if heated.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
EUH066: Repeated exposure may cause skin dryness or cracking.

Training advice: None

Additional Information: Replaces all previous editions.

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