



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

- 1.1 Product identifier**
 GHS Product Identifier **Touch N Seal Poly-Clean**
 Chemical Name **Touch N Seal Poly-Clean**
 Trade Name Not applicable
 Product Number **Touch N Seal Poly-Clean**
 CAS No. 4004712022
 EINECS No. Mixture
 REACH Registration 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)
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** - Harmful / Irritant
- 2.2 Label elements**
- 2.2.1 Label elements According to Regulation (EC) No. 1272/2008 (CLP) and GHS Standards**
- Hazard pictogram(s)  Signal word **DANGER**
- Hazard statement(s)
 H222: Extremely flammable aerosol.
 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.
- 2.2.2 Label elements According to Directive 67/548/EEC & Directive 1999/45/EC**
- 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**EC Classification No. 1272/2008/EC**

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

EC Classification No. 67/548/EEC

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

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.

4.3 Indication of the immediate medical attention and special treatment needed

Treat symptomatically.

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**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Acetone	67-64-1	1000	2400	NE	NE	OSHA PEL
		500	NE	750	NE	ACGIH TLV & STEL
Carbon Dioxide	124-38-9	5000	9000	NE	NE	OSHA PEL
		5000	NE	30000	NE	ACGIH TLV & STEL

8.1.2 Biological limit value

Limit value type (country of origin)	SUBSTANCE	CAS No.	Biological limit value	Note:
United States	Acetone	67-64-1	2500 ppm	NIOSH IDLH Value
United States	Carbon Dioxide	124-38-9	40000 ppm	NIOSH IDLH Value

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**

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

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

SUBSTANCE	CAS No.	LD ₅₀ (Oral, Rat)	LC ₅₀ (Inhalation, Rat)	LD ₅₀ (Dermal, Rat)
Acetone	67-64-1	5800 mg/kg	50100 mg/m ³ / 8 H	NE
Carbon Dioxide	124-38-9	NE	470000 ppm / 30 min.	NE

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)

UN number	UN1950
Proper Shipping Name	Aerosols, Flammable
Transport hazard class(es)	2.1, HIN=33, RID=5F
Packing Group	Not Applicable
Hazard label(s)	Flammable gas
Environmental hazards	NONE
Special precautions for user	NONE

Sea transport (IMDG) (a)(c)

UN number	UN1950
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

Land transport (Within USA) (b)(c)

UN number	UN1950
Proper Shipping Name	Aerosols, Flammable
Transport hazard class(es)	2.1
Packing Group	Not Applicable
Hazard label(s)	Flammable gas
Environmental hazards	NONE
Special precautions for user	NONE

Air transport (ICAO/IATA) (a)(c)

UN number	UN1950
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	NA	not applicable, not available
AICS	Australian Inventory of Chemical Substances	NIOSH	National Institute for Occupational Safety and Health
ANSI	American National Standards Institute	ND	not determined
atm	atmosphere (pressure unit)	NFPA	National Fire Prevention Association
BOD	biological oxygen demand	NTP	National Toxicology Program
CAS	Chemical Abstracts Service	OC	open cup
CC	closed cup	OSHA	Occupational Safety and Health Administration
CDTA	Chemical Drug and Trafficking Act	Part	partition
COC	Cleveland Open Cup	PEL	permissible exposure limits
COD	chemical oxygen demand	ppb	parts per billion
coeff.	coefficient	PPE	personal protective equipment
CFR	Code of Federal Regulations	ppm	parts per million
CPR	cardio-pulmonary resuscitation	psi	pounds per square inch
DEA	Drug Enforcement Agency	RCRA	Resource Conservation and Recovery Act
DOT	Department of Transportation	RQ	Reportable quantity
DSCL	Dangerous Substances Classification and Labeling	RTK	Right to Know
EEC	European Economic Community	SARA	Superfund Amendments and Reauthorization Act
FDA	Food and Drug Administration	STEL	short-term exposure limit
HMIS	Hazardous Materials Information System	SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
IARC	International Agency for Research on Cancer	TCC	Tagliabue Closed Cup
IDLH	immediate danger to life or health	TDG	Transportation of Dangerous Goods
kg	kilogram	TPQ	threshold planning quantity
L	liter	TQ	threshold quantity
LC50	median lethal concentration	TSCA	Toxic Substances Control Act
LD50	median lethal dose	TWA	time-weighted average
LEL	lower explosive limit	UEL	upper explosive limit
mg	milligram	WES	Workplace Exposure Standard (New Zealand)
mL	milliliter	WHMIS	Workplace Hazardous Material Information System

References: RTECS, CAS Registry, EINECS/ESIS, *Casarett & Doull's Toxicology*, *Goldfrank'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)

H222: Extremely flammable aerosol.

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.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. ChemTel Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. ChemTel Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.