

**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

Product Name: : San Affect  
 Product Use: : Multi-surface Disinfectant Sanitizer  
 Supplier Name and Address: : Corporate Facility Supply  
 7 Neilson Street  
 St. Catharines, ON L2M 5V9  
  
 Telephone: : (905) 682-8888  
 Emergency Telephone: : CANUTEC (613) 996-6666

**SECTION 2 - HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW**

**Physical State:** Liquid  
**GHS Classification:**  
 Skin Irritation: Category 1B  
 Eye Irritation: Category 1  
 Acute Toxicity: Category 2  
**GHS Label Elements:**  
 Hazard Pictograms



**Signal Word:** Danger  
**Hazard Statements:** H302 Harmful if swallowed  
 H312 Harmful in contact with skin  
 H318 Causes serious eye damage  
**Precautionary Statements:**  
**Prevention**  
 P102 Keep out of reach of children  
 P262 Do not get in eyes, on skin, or on clothing  
 P284 In case of inadequate ventilation wear respiratory protection  
**Response**  
 P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes  
 P305 IF IN EYES: Flush with plenty of water for at least 15 minutes  
 P332+P313 If skin irritation persists, get medical attention

**Potential Health Effects:**  
 Inhalation : Intentional misuse by concentrating and inhaling the product can be harmful or fatal. May cause irritation of respiratory tract.  
  
 Skin : Strongly irritating to the skin  
  
 Eyes : Strongly irritating to the eyes  
 Ingestion : No known significant effects or critical hazards  
 Aggravated Medical Condition : None known  
 Symptoms of Overexposure : None known

**SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS**

**HAZARDOUS INGREDIENTS**

Chemical Name	CAS-No.	Concentration [%]	Trade Secret
Ethyl Alcohol	64-17-5	0-5	*
Ethoxylated Alcohol	Not available	5-10	*
Benzyl ammonium chloride	68424-85-1	10-15	*

\*Exact percentage withheld as trade secret

**SECTION 4 - FIRST-AID MEASURES**

- General Advice** : Move out of dangerous area  
Consult a physician  
Show this Safety Data Sheet to the doctor in attendance
- Inhalation** : Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.
- Skin Contact** : Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.
- Eye Contact** : If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
- Ingestion** : Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.

**SECTION 5 - FIRE-FIGHTING MEASURES**

- Suitable extinguishing media** : Alcohol foam, carbon dioxide, dry chemical
- Specific hazards arising from the chemical** : None known
- Special protective actions for fire-fighters** : None
- Additional advice** : None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

- Personal precautions** : Wear appropriate protective equipment.
- Environmental precautions** : Prevent entry into sewers or streams. Dike if needed.

**Methods and materials for containment/  
cleaning up**  
**Additional advice**

: Use a water rinse for final clean-up  
: None

**SECTION 7 - HANDLING AND STORAGE**

**Precautions for safe handling**  
**Conditions for safe storage**

: Use of nitrile gloves and eye protection is optional  
: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials

**Other data**

: Do not freeze.

**SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Control parameters**  
**Engineering Controls**

: Not available  
: Normal building ventilation is adequate.  
Ensure that eyewash stations and safety showers are close to the workstation location

**Personal Protective Equipment**

Eye/face protection

: Safety glasses with side shields when there is potential for eye contact. Face shield also recommended for handling large amounts. Contact lenses should not be worn

Hand protection

Skin protection

: Nitrile or rubber gloves are recommended  
: Protective coveralls or thick clothing that covers exposed skin

Respiratory protection

: Wear a NIOSH/MSHA approved air-purifying respirator equipped with chlorine cartridges when vapours reach high levels

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice  
When using do not eat or drink  
When using do not smoke  
Wash hands before breaks and at the end of the workday

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

: Clear liquid

**Odor:**

: Not available

**Odor Threshold:**

: Not available

**pH:**

: 6-8

**Melting point/ freezing point:**

: 0 °C

**Initial boiling point and boiling range:**

: 100 °C

**Flash point:**

: Not available

**Evaporation rate:**

: Not available

**Flammability (solid, gas):**

: Not available

**Upper/lower flammability or explosive limits:**

: Not available

**Vapour pressure:**

: Not available

**Vapour density:**

: Not available

**Relative density (g/mL):**

: 1.0

**Water solubility:**

: Not available

**Solubility in other solvents:**

: Not available

**Partition coefficient: n-octanol/water:**

: Not available

**Auto-ignition temperature:**

: Not available

**Decomposition temperature:**

: Not available

**Viscosity:**

: As water

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Reactivity</b>	: Product is stable
<b>Chemical Stability</b>	: Stable under normal conditions
<b>Possibility of hazardous reactions</b>	: Hazardous decomposition products are not known
<b>Conditions to avoid</b>	: Not available
<b>Incompatible materials</b>	: Strong concentrated acids, oxidizing and reducing agents. Do not mix with chlorine bleach
<b>Hazardous decomposition products</b>	: May produce oxides of carbon and nitrogen when burned

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Product Information**

Acute toxicity	: LD50 Not known
Skin Corrosion/ Irritation	: Not available
Serious eye damage/irritation	: Not available
Respiratory or skin sensitization	: Not available
Germ cell mutagenicity	: Not available
Carcinogenicity	: Not available
Reproductive toxicity	: Not Available
STOT-single exposure	: Not available
STOT-repeated exposure	: Not available
Aspiration hazard	: Not available

**Toxicology Data for Ingredients**

**Ethyl Alcohol**

Acute toxicity	: LD50 oral, mouse 3450 mg/kg, 4h LC50 inhalation, mouse:39000 mg/m3, 4h
Skin irritation	: Causes skin irritation
Eye irritation	: Causes eye irritation
Sensitization	: Not available
Other	: Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea, and alterations in gastric secretions. May affect behavior/central nervous system (central nervous system depression - amnesia, headache, muscular incoordination, excitation, mild euphoria, slurred speech, drowsiness, staggering gait, fatigue, changes in mood/personality, excessive talking, dizziness, ataxia, somnolence, coma/narcosis, hallucinations, distorted perceptions, general anesthetic), peripheral nervous system (spastic paralysis) vision (diplopia). Moderately toxic and narcotic in high concentrations. May also affect metabolism, blood, liver, respiration (dyspnea), and endocrine system. May affect respiratory tract, cardiovascular (cardiac arrhythmias, hypotension), and urinary systems. Inhalation: May cause irritation of the respiratory tract and affect behavior/central nervous system with symptoms similar to ingestion. Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact may cause dermatitis, an allergic reaction. Ingestion: Prolonged or repeated ingestion will have similar effects as acute ingestion. It may also affect the brain.

**Ethoxylated Alcohol**

Acute toxicity	: LD50 Not available LD50 Not available
Skin irritation	: Not available

Eye irritation	: Not available
Sensitization	: Not available
<b>Benzyl Ammonium Chloride</b>	
Acute toxicity	: LD50 oral, rat: 240 mg/kg LC50 Not available
Skin irritation	: Very hazardous in case of skin contact (irritant). Causes severe skin irritation and burns.
Eye irritation	: Causes severe eye irritation and burns.
Sensitization	: Not available
Other	: Ingestion: Harmful if swallowed. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal (digestive) tract burns. May affect behavior (central nervous system depression, depression) and metabolism. May produce burning pains in the mouth, throat, and abdomen, profuse salivation, muscle weakness. May also affect the respiratory system and cardiovascular system, liver and kidneys. Inhalation: May cause severe irritation of the respiratory tract with sore throat, coughing, shortness of breath, and delayed lung edema. Causes chemical burns to the respiratory tract. Causes irritation of the mucous membranes. Chronic Potential Health Effects: May affect material (mutagenic) and may cause adverse reproductive effects. Prolonged or repeated skin contact may cause dermatitis. Repeated or prolonged exposure may cause allergic reactions in sensitive individuals. May cause cyanosis of the skin and lips caused by lack of oxygen.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Product Information:**

Toxicity: : Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Toxicology Data for Ingredients:**

**Ethyl Alcohol**

Toxicity: : LC50 Rainbow trout 14000 mg/L, 96h  
LC50 Fingerling trout: 11200 mg/L, 24h

Persistence and degradability: : Possible hazardous degradation products are not likely. However, long term degradation products may arise.

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : The product itself and its products of degradation are not toxic.

**Ethoxylated Alcohol**

Toxicity: : EC50 Not available  
LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

**Benzyl Ammonium Chloride**

Toxicity: : EC50 Not available  
LC50 Not available

Persistence and degradability: : Not available  
Bioaccumulative potential: : Not available  
Mobility in soil: : Not available  
Other adverse effects: : Not available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Product** : Sanitary sewer or dry absorbent if available.  
For large quantities, contact local environmental  
department or government authorities  
Do not dispose in drains, waterways, or soil  
Do not contaminate ponds, or ditches with chemical or the  
used container

**SECTION 14 - TRANSPORT INFORMATION**

**UN Number** : Not available  
**UN Proper Shipping Name** : Not available  
**Transport hazard class(es)** : Not available  
**Packing group, if applicable** : Not available  
**Environmental hazards** : Not available  
**Special precautions for user** : Not Available  
**Transport in bulk according to Annex II of  
MARPOL 73/78 and the IBC Code** : Not applicable

**SECTION 15 - REGULATORY INFORMATION**

**WHMIS Status** : Not known  
**WHMIS classification** : Not known

**SECTION 16 - OTHER INFORMATION**

**Prepared by:** Technical Services  
**Telephone number:** (905) 682-8888

**Preparation date:** January 2018

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