

SAFETY DATA SHEET

DAILY DISINFECTANT PLUS

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	: Daily Disinfectant Plus
Product Use:	: Multi-surface Disinfectant Sanitizer
Supplier Name and Address:	Corpack Canada 16 Seapark Drive, St. Catharines, ON L2M 6S6
Telephone:	289-707-7178
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



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SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]	Trade Secret
Ethoxylated Alcohol	Not available	2-8	*
Benzyl ammonium chloride	68424-85-1	5-10	*

*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



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Personal precautions	: Wear appropriate protective equipment.
Environmental precautions	: Prevent entry into sewers or streams. Dike if needed.
Methods and materials for containment/ cleaning up	: Use a water rinse for final clean-up
Additional advice	: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling	: Use of nitrile gloves and eye protection is optional
Conditions for safe storage	: 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	: Not available
Engineering Controls	: 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	: Nitrile or rubber gloves are recommended
Skin protection	: 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



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Viscosity: : As water

SECTION 10 - STABILITY AND REACTIVITY

Reactivity : Product is stable
Chemical Stability : Stable under normal conditions
Possibility of hazardous reactions : Hazardous decomposition products are not known
Conditions to avoid : Not available
Incompatible materials : Strong concentrated acids, oxidizing and reducing agents.
Do not mix with chlorine bleach
Hazardous decomposition products : 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.



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Ethoxylated Alcohol

Acute toxicity

Ingestion: Prolonged or repeated ingestion will have similar effects as acute ingestion. It may also affect the brain.

: LD50 Not available

LD50 Not available

Skin irritation

: Not available

Eye irritation

: Not available

Sensitization

: Not available

Benzyl Ammonium Chloride

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



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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

Preparation date: January 2018

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)