

DISINFECTANT WIPES

Safety Data Sheet

According to 29 CFR 1910.1200 (OSHA Standard), the Canadian HPA and Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2017/776)

Version: 02

Version date: 24 January 2021

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name/designation : BACTIVE Disinfectant Wipes (11532-H)
 Article No (user) : Not relevant.

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

Relevant identified uses : Hard Surface Disinfectant.
 Uses advised against : No data available.

1.3. Details of the supplier of the safety data sheet

Supplier : ZURU Inc.
 Street: Unit 1201-04, Energy Plaza, 92 Granville Road, Tsim Sha Tsui East,
 Postal code/City: Kowloon
 Country: Hong Kong
 Telephone: No data available
 E-mail: hello@bactive.co

1.4. Emergency Telephone Number

(US) Contact the Poison Help Hotline: 1-800-222-1222

SECTION 2: Hazards Identification

2.1. Hazard Classification

Short-term (acute) aquatic hazard – Category 3

2.2. Label Elements

Hazard pictograms -
 Signal word -
 Product identifiers -
 Hazard Statements H402 - Harmful to aquatic life
 Supplemental Hazard information (EU) -
 Precautionary Statements - General -
 Precautionary Statements - Prevention P273 - Avoid release to the environment.
 Precautionary Statements - Response -
 Precautionary Statements - Storage -
 Precautionary Statements - Disposal P501 - Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

None known.

SECTION 3: Composition/Information On Ingredients

3.1. Substances

Substance	CAS-No.	Concentration (% w/w)
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	≥ 0.1 - < 0.2
Didecyldimethylammonium chloride	7173-51-5	≥ 0.025 - < 0.1
Didecyldioctylammonium chloride	5538-94-3	≥ 0.025 - < 0.1
Decyldimethyloctylammonium chloride	32426-11-2	≥ 0.025 - ≤ 0.1

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

General information	:	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Do not leave affected person unattended. Keep affected person warm, still and covered.
Following inhalation	:	Remove person to fresh air and keep comfortable for breathing.
Following skin contact	:	After contact with skin, wash immediately with plenty of water and soap. If skin irritation persists, call a physician.
Following eye contact	:	Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. If eye irritation persists, consult a specialist.
Following ingestion	:	Never give anything by mouth to an unconscious person or a person with cramps. IF SWALLOWED: Immediately give large quantities of water to drink. Do NOT induce vomiting.
Self-protection of the first aider	:	First aider: Pay attention to self-protection!

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing Media

Suitable extinguishing media	:	Dry powder Water spray Foam
Unsuitable extinguishing media	:	No data available

5.2. Special Hazards Arising from the Substance or Mixture

No data available

5.3. Advice for Firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional Information

Use water spray to cool unopened containers.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

See Section 8.2.

6.2. Environmental Precautions

Prevent product from entering drains.

6.3. Methods and Material for Containment and Cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4. Reference to Other Sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Protective measures.

No special precautions required.

Advice on Protection Against Fire and Explosion:

Avoid dust formation.

Take precautionary measures against static discharge.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed and dry.

Requirements for storage rooms and vessels

Not applicable.

Advice on joint storage

Not applicable.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific End Uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure Controls/Personal Protection

8.1. Components with Workplace Control Parameters

Contains no substances with occupational exposure limit values.

8.2. Personal Protective Equipment

Eye Protection	:	Handle in accordance with good industrial hygiene and safety practice.
Skin and Body Protection	:	No special protective equipment required.
Hand Protection	:	Handle in accordance with good industrial hygiene and safety practice.
Respiratory Protection	:	No personal respiratory protective equipment normally required.
Hygiene Measures	:	Avoid contact with eyes. Wash hands immediately after handling the product.

SECTION 9: Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Appearance	:	Aqueous solution, sheets, woven fabric
Odour	:	Varies with fragrance added
Odour Threshold	:	No data available
PH	:	8.0 – 12.0
Melting Point/Freezing Point	:	No data available
Boiling Point/Boiling Range	:	No data available
Flash Point	:	200.01°F / 93.34°C
Evaporation Rate	:	No data available
Flammability (solid, gas)	:	No data available
Flammability (liquids)	:	No data available
Self-Ignition	:	No data available
Upper Explosion Limit	:	No data available
Lower Explosion Limit	:	No data available
Vapour Pressure	:	No data available
Relative Vapour Density	:	No data available
Relative Density	:	No data available
Bulk Density	:	No data available
Water Solubility	:	Soluble
Partition Coefficient: n-octanol/water	:	No data available
Auto-Ignition Temperature	:	No data available
Decomposition Temperature	:	No data available
Viscosity, Dynamic	:	No data available

Viscosity, Kinematic	:	No data available
Explosive Properties	:	No data available
Oxidising Properties	:	No data available
Minimum Ignition Energy	:	No data available

9.2. Other Safety Information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical Stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

None known.

Stable

10.4. Conditions to Avoid

None known.

10.5. Incompatible Materials

Strong oxidising agents.

10.6. Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: Toxicological Information

11.1. Acute Toxicity

Acute oral toxicity : Remarks: not applicable

Acute inhalation toxicity : Remarks: not applicable

Acute dermal toxicity : Remarks: not applicable

11.2. Skin Corrosion/Irritation

Skin corrosion/irritation : Result: no skin irritation/corrosion

11.3. Serious Eye Damage/Eye Irritation

Skin corrosion/irritation : Result: no eye irritation

11.4. Respiratory or Skin Sensitisation

Respiratory or skin sensitisation : Remarks: not applicable

11.5. Germ Cell Mutagenicity

Genotoxicity in vitro : Remarks: not applicable

Genotoxicity in vivo : Remarks: not applicable

11.6. Carcinogenicity

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

11.7. Reproductive Toxicity

Effects on fertility : Remarks: not applicable

Effects on foetal development : Remarks: not applicable

11.7. STOT

Single exposure : Remarks: not applicable

Repeated exposure : Remarks: not applicable

11.8. Further Information

Likely routes of exposure : Eyes, skin, ingestion, inhalation

Information given is based on data obtained from similar substances.

SECTION 12: Ecological Information

12.1. Ecotoxicity

Toxicity to aquatic life : Remarks: no data available

12.2. Persistence And Degradability

Biodegradability : Remarks: no data available

12.3. Bioaccumulative Potential

Bioaccumulation : Remarks: no data available

12.4. Components

Alkyl (C12-16) dimethylbenzyl ammonium chloride

Partition coefficient: n-octanol/water : log Pow: 2.75 (20°C)
Method: OECD Test Guideline 107
GLP: yes

Dimethyldioctylammonium chloride

Partition coefficient: n-octanol/water : Pow: 1.2 (21°C)log Pow: 0.1 (21°C)
pH >6 - <8
Method: OECD Test Guideline 107
GLP: yes

12.5. Mobility In Soil

Partition coefficient: n-octanol/water : Remarks: no data available

12.6. Ozone Depletion Potential

Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

12.7. Additional Ecological Information

No data available.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal Considerations

13.1. Disposal Methods

Waste from residues

Dispose of contents/container in accordance with local regulations.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport Information

14.1. DOT – NOT DANGEROUS GOODS

UN Number	:	Not applicable
Proper Shipping Name	:	Not applicable
Transport Hazard Class	:	Not applicable
Packing Group	:	Not applicable

14.2. TDG – NOT DANGEROUS GOODS

UN Number	:	Not applicable
Proper Shipping Name	:	Not applicable
Transport Hazard Class	:	Not applicable
Packing Group	:	Not applicable

14.3. IATA – NOT DANGEROUS GOODS

UN Number	:	Not applicable
Proper Shipping Name	:	Not applicable
Transport Hazard Class	:	Not applicable
Packing Group	:	Not applicable

14.4. IMDG – NOT DANGEROUS GOODS

UN Number	:	Not applicable
Proper Shipping Name	:	Not applicable
Transport Hazard Class	:	Not applicable
Packing Group	:	Not applicable

14.5. ADR – NOT DANGEROUS GOODS

UN Number	:	Not applicable
Proper Shipping Name	:	Not applicable
Transport Hazard Class	:	Not applicable
Packing Group	:	Not applicable

14.6. RID – NOT DANGEROUS GOODS

UN Number	:	Not applicable
Proper Shipping Name	:	Not applicable
Transport Hazard Class	:	Not applicable
Packing Group	:	Not applicable

Special Precautions for User : None

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code : Not Applicable

SECTION 15: Regulatory Information

15.1. Classification

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

EPA Registration number	:	6836-336-96867
Signal word	:	CAUTION!
Hazard statements	:	Causes moderate eye irritation.

15.2. EPCRA – Emergency Planning and Community Right-to-Know Act

No data available.

15.3. CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

15.4. SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

15.5. SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

15.6. SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

15.7. Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

15.8. Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

15.9. Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

15.10. Pennsylvania Right To Know

Components	CAS-No.
Water	7732-18-5

15.11. California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

15.12. Canadian Lists

Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

SECTION 16: Other Information

Creation date: 01/09/2020
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 Printing date: 24/01/2021

16.1. Indication of Changes

V.02 – Correction of typographical errors.

16.2. Abbreviations and Acronyms

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -

Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information given in this Safety Data Sheet is based on our present knowledge and on national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.