cleanslate

Provo (Concentrate)

1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Provo
Product Use	One Step Disinfectant
Product Code	4468
For Medical Emergency	Call Chemtrec 1-800-424-9300
Supplier's Information	Cleanslate Inc. 1515 East Linden Avenue, Linden NJ 07036

2.HAZARD IDENTIFICATION

GHS Classification.

Serious eye damage, Category 1
Skin corrosion, Category 1B
Acute toxicity (Inhalation), Category 2
Acute toxicity (Dermal), Category 3
Acute toxicity (Oral), Category 4

GHS Label Element.

Signal Word. Danger

Hazard Statement.

H314 Causes severe skin burns and eye damage.

H330 Fatal if inhaled.

H311 Toxic in contact with skin.

H302 Harmful if swallowed.

Precautionary Statements.

Prevention:

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/ protective clothing/ eye protection/face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P362 Take off contaminated clothing and wash before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards: The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 9.25 %

Provo (Concentrate)

3.COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients	CAS No.	WT.%
Dimethyldioctylammonium chloride	5538-94-3	5-10
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	1-5
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2	1-5

4.FIRST AID MEASURES

If inhaled. Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. First aider needs to protect himself. Call a physician immediately.

In case of skin contact. Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Call a physician immediately.

In case of eye contact. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

If swallowed. Call a physician immediately. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconcious person.

Most important symptoms and effects, both acute and delayed. No information available.

Notes to physician. No information available.

5.FIRE FIGHTING MEASURES

Suitable Fire Extinguishing Media. Water spray, Dry powder, Foam

Further Information. Use water spray to cool unopened containers.

Special Protective Equipment for Firefighters. In the event of fire, wear self-contained breathing apparatus.

6.ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures. Use respirator when performing operations involving potential
exposure to vapour of the product.

Environmental Precautions. Do not flush into surface water or sanitary sewer system.

Methods and Materials for Containment and Clean-Up. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7.HANDLING AND STORAGE

Advice on protection against fire and explosion. Take precautionary measures against static discharges.

Advice on safe handling. Avoid contact with skin and eyes. Provide sufficient air exchange and/or exhaust in work rooms.

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8.EXPOSURE CONTROLS/ PERSONAL PROTECTION

Components with workplace control parameters:

Contains no substances with occupational exposure limit values.

Contains no substances with occupational exposure limit values.

Personal Protective Equipment

Respiratory Protection. In the case of vapour formation use a respirator with an approved filter.

Hand Protection. Material. Protective gloves.

Eye Protection. Safety goggles.

Skin and Body. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Rubber or plastic apron. Rubber or plastic boots.

Hygiene Measures. Handle in accordance with good industrial hygiene and safety practice.

9.PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Purple
Odour	Lavender
Odour Threshold	No data available
pH	7.75
Melting point/freezing point	No data available
Boiling point/boiling range	No data available
Flash point	>210 °F / >99 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Flammability (liquids)	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	0.9983
Water solubility	No data available
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	2.024 mm2/s @25°C

10.STABILITY AND REACTIVITY

Reactivity. Stable under recommended storage conditions.

11.TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity	LD50 (Rat, male and female): 1,140 mg/kg
Acute Inhalation toxicity	LC50 (Rat, male and female): < 0.59 mg/l Test atmosphere: dust/mist
Acute dermal toxicity	LD50 (Rat, male and female): > 250 mg/kg

Skin corrosion/irritation Moderate skin irritation

Assesment

Serious eye damage/eye irritation Can cause severe eye irritation.

Remarks

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.
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. 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. 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. 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.

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12.ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability

No data available

Bioaccumulative potential

Components:

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

Mobility in soil

No data available

Other adverse effects

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).

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).

13.DISPOSAL CONSIDERATIONS

Disposal methods.

Contaminated packaging: Dispose of contents/container in accordance with local regulation.

14.TRANSPORT INFORMATION

BOL Classification:

UN 1903, Disinfectants, liquid, corrosive, n.o.s. (dioctyldimethylammonium chloride), 8, PG II

DOT (Ground Transport)

UN Number	UN 1903
Proper Shipping Name	Disinfectants, liquid, corrosive, n.o.s. (dioctyldimethylammonium chloride)
Transport hazard class(es)	8 (Corrosive liquid)
Packing Group	II
ERG Guide Number	154
Marine Pollutant	no
Labels Required	Corrosive (8)
Reportable Quantity	Not applicable
Special Precautions for User	Avoid contact with oxidizing or anionic materials. Keep containers tightly closed during transport.

14.TRANSPORT INFORMATION

IATA (Air Transport)

UN Number	UN 1903
Proper Shipping Name	Disinfectants, liquid, corrosive, n.o.s. (dioctyldimethylammonium chloride)
Transport hazard class(es)	8
Packing Group	II
Limited Quantity	1L
Marine Pollutant	no

IMDG (Ocean Transport)

UN Number	UN 1903
Proper Shipping Name	Disinfectants, liquid, corrosive, n.o.s. (dioctyldimethylammonium chloride)
Transport hazard class(es)	8
Packing Group	II
Limited Quantity	1L
Marine Pollutant	no

15.REGULATORY INFORMATION

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	6836-366
Signal Word	DANGER
Hazard Statements	Corrosive. Causes skins burns.

EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity

Components	CAS-No	Component RQ (lbs)	Calculated product RQ (lbs)
Edetic acid	60-00-4	5000	
Edetic acid	60-00-4	5000	

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

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.

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15.REGULATORY INFORMATION

Clean Air Act

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 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 SOCMI Intermediate or Final VOC's (40 CFR 60.489).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI 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.
This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

Clean Water Act

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:
The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

Components	CAS-No	Component RQ (lbs)	Calculated product RQ (lbs)
Edetic acid	60-00-4	5000	
Edetic acid	60-00-4	5000	

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

Components	CAS-No	Component RQ (lbs)	Calculated product RQ (lbs)
Edetic acid	60-00-4	5000	

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

Massachusetts Right to Know

Components	CAS-No
Edetic acid	60-00-4

Massachusetts Right to Know

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

Pennsylvania Right to Know

Components	CAS-No
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5
Dimethyldioctylammonium chloride	5538-94-3
Tetrasodium ethylenediaminetetraacetate	64-02-8
Edetic acid	60-00-4

15.REGULATORY INFORMATION

Pennsylvania Right to Know

Components	CAS-No
Water	7732-18-5
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5
Dimethyldioctylammonium chloride	5538-94-3

New Jersey Right to Know

Components	CAS-No
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	6839-01-5
Dimethyldioctylammonium chloride	5538-94-3
Tetrasodium ethylenediaminetetraacetate	64-02-8
Edetic acid	60-00-4

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

Canadian lists

NPRI

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

16.OTHER INFORMATION

AIIC - Australian Inventory of Industrial Chemicals; 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; TECI - Thailand Existing Chemicals 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

Revision Date: 10/6/25

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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