



Safety Data Sheet



in accordance with HSNO

Revision: 23 January 2020

1 Identification of the substance or mixture and of the supplier

- **Product identifier**
- **Trade name:** Grip Clean Hand Wipes
- **Product code:** GCHW01
- **Recommended use:** Skin cleanser
- **Restrictions on use:** No further relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Grip Clean, LLC
41615 Date Street #108
Murrieta, CA 92562 USA
+1 951-389-8779
sales@gripclean.com
- **Distributor**
Autoserv New Zealand Ltd
2/38 Trugood Drive
East Tamaki, Auckland
09 272 1940
warehouse@autoserv.co.nz
- **Emergency telephone number:**
Emergencies within Australia - 131126 (NSW Poison Control Centre)
Emergencies within New Zealand - 0800 764 766 (National Poison Control Centre)

2 Hazards identification

- **Classification (Australia, New Zealand)**
New Zealand HSNO - Hazardous (Classified according to the Minimum Degrees of Hazard Regulations 2001)
- **Hazard statements (New Zealand HSNO Classification)**
HSNO 6.1E Inh. Tox. 5 H333 May be harmful if inhaled.
HSNO 6.3B Skin Irr. 3 H316 Causes mild skin irritation.
HSNO 6.4A Eye Irrit. 2A H319 Causes serious eye irritation.
HSNO 6.5B Skin Sens. 1 H317 May cause an allergic skin reaction.
HSNO 9.1D Aquatic Acute 2 H401 Toxic to aquatic life.
HSNO 9.1B Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.
- **Hazard pictograms**

GHS07 GHS09
- **Signal word** Warning
- **Hazard statements**
H333 May be harmful if inhaled.
H316 Causes mild skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
- **Precautionary statements**
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing mist/vapours/spray.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/Plant Safety Department.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards** There are no other hazards not otherwise classified that have been identified.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/Information on ingredients

• Chemical characterisation: Mixtures

• Components:

108-32-7	Propylene carbonate Eye Irrit. 2, H319 Acute Tox. 5, H313; Skin Corr. 3, H316	10-20%
68439-46-3	Alcohols, C9-11, ethoxylated Eye Dam. 1, H318 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	1-5%
5989-27-5	d-limonene Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Irrit. 2, H315; Skin Sens. 1, H317 Acute Tox. 5, H303	1-3%
78-70-6	Linalool Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317 Flam. Liq. 4, H227; Acute Tox. 5, H303	<0.3%
106-22-9	dl-Citronellol Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317 Acute Tox. 5, H303; Acute Tox. 5, H313	<0.3%
106-24-1	Geraniol Eye Dam. 1, H318 Skin Irrit. 2, H315; Skin Sens. 1, H317 Acute Tox. 5, H303	<0.3%
5392-40-5	Citral Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317 Acute Tox. 5, H303	<0.3%
2682-20-4	2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 1, H330 Skin Corr. 1A, H314; Eye Dam. 1, H318	0.01%

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	Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Sens. 1A, H317; STOT SE 3, H335	
55406-53-6	3-Iodo-2-propynylbutylcarbamate Acute Tox. 3, H331 STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Tox. 4, H302; Skin Sens. 1, H317 Acute Tox. 5, H313; Skin Corr. 3, H316	0.004%

· **Additional information:** For the wording of the listed Hazard Statements refer to section 16.

4 First aid measures

· Description of first aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Product is manufactured for topical use. If irritation occurs, discontinue use and wash affected area with soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

· Most important symptoms and effects, both acute and delayed

Allergic reactions

Slight irritant effect on skin and mucous membranes.

Causes eye irritation.

Causes mild skin irritation.

· Hazards:

May be harmful if inhaled.

May cause sensitisation by skin contact.

· Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains d-limonene, Citral, dl-Citronellol, Geraniol, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

If medical advice is needed, have product container or label at hand.

5 Fire fighting measures

· Extinguishing media

· **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· **For safety reasons unsuitable extinguishing agents:** No further relevant information available.

· Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

· Advice for firefighters

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- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions**
Do not allow to enter sewers/ surface or ground water.
Avoid release to the environment.
- **Methods and material for containment and cleaning up**
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Use only in well ventilated areas.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Avoid storage near extreme heat.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

5392-40-5 Citral

TLV (USA)	Long-term value: 32* mg/m ³ , 5* ppm Skin; DSEN; *inhalable fraction + vapor
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- **Exposure controls**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.

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Do not inhale gases / fumes / aerosols.

• **Respiratory protection:** Not required under normal conditions of use.

• **Protection of hands:**

Persons sensitive to the product or any of its components should wear appropriate gloves for handling.

• **Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

Neoprene gloves

Natural rubber, NR

Sensibilisation by the components in the glove materials is possible.

• **Eye protection:**



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

• **Body protection:** Not required under normal conditions of use.

• **Limitation and supervision of exposure into the environment:**

No further relevant information available.

• **Risk management measures:** No further relevant information available.

9 Physical and chemical properties

• **Information on basic physical and chemical properties**

• **Appearance**

Form:

Wipe containing liquid components.

Colour:

According to product specification

• **Odour:**

Citrus.

• **Odour threshold:**

Not determined.

• **pH-value:**

6.5-7.5 (Liquid component)

• **Melting point/freezing point:**

Not determined.

• **Initial boiling point and boiling range:** Not determined.

• **Flash point:**

>93.3 °C (Liquid component)

• **Flammability (solid, gas):**

Not applicable.

• **Auto/Self-ignition temperature:**

Not determined.

• **Decomposition temperature:**

Not determined.

• **Explosive properties:**

Product does not present an explosion hazard.

• **Explosion limits**

Lower:

Not determined.

Upper:

Not determined.

• **Oxidising properties**

Non-oxidising.

• **Vapour pressure:**

Not determined.

• **Density:**

1.01 g/cm³ (Liquid component)

• **Relative density:**

Not determined.

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· Vapour density:	Not determined.
· Evaporation rate:	Not determined.
· Solubility in / Miscibility with water:	Not determined.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
Reacts with oxidising agents.
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials** Oxidising agents
- **Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide
Nitrogen oxides
Halogen gases.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** May be harmful if inhaled.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral	LD50	>5000 mg/kg
Dermal	LD50	>5000 mg/kg
Inhalative	LC50/4h	>45 mg/l

68439-46-3 Alcohols, C9-11, ethoxylated

Oral	LD50	>5050 mg/kg (rat)
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5989-27-5 d-limonene

Oral	LD50	>2000 mg/kg (rat, female)
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- **Primary irritant effect**
- **Skin corrosion/irritation:** Causes mild skin irritation.
- **Serious eye damage/irritation:** Causes eye irritation.

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- **Respiratory or skin sensitisation:** Sensitisation possible through skin contact.

- **IARC (International Agency for Research on Cancer):**

5989-27-5	d-limonene	3
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- **Probable routes of exposure:**

Ingestion.
Inhalation.
Eye contact.
Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):**

May be harmful if inhaled.
Causes mild skin irritation.
Causes serious eye irritation.

- **Repeated dose toxicity:** May cause sensitisation by skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

- **Carcinogenicity:** Based on available data, the classification criteria are not met.

- **Reproductive toxicity:** Based on available data, the classification criteria are not met.

- **STOT-single exposure:** Based on available data, the classification criteria are not met.

- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

Toxic for aquatic organisms

5989-27-5 d-limonene

LC50	<1 mg/l (pimephales promelas)
EC50	0.307 mg/l (daphnia)

- **Persistence and degradability** No further relevant information available.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Toxic for fish

- **Additional ecological information:**

- **General notes:**

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

The user of this material has the responsibility to dispose of unused material, residues and containers in

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compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **DOT, ADR/RID/ADN, IMDG, IATA** UN3082
- **UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (d-limonene)
- **DOT** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-limonene)
- **ADR/RID/ADN, IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-limonene), MARINE POLLUTANT
- **IMDG**

- **Transport hazard class(es)**

- **DOT, IMDG, IATA**



- **Class** 9
- **Label** 9

- **ADR/RID/ADN**



- **Class** 9 (M6)
- **Label** 9

EXEMPT FROM DANGEROUS GOODS REQUIREMENTS Special Provision 335:

Mixtures of solids which are not subject to this Standard and environmentally hazardous liquids or solids shall be classified as UN 3077 and may be transported under this entry, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or transport unit is closed. Each transport unit shall be leakproof when used as a bulk packaging. Sealed packets and articles containing less than 10ml of an environmentally hazardous liquid, absorbed into solid material but with no free liquid in the packet or article, or containing less than 10g of an environmentally hazardous solid, are not subject to this Standard.

- **Packing group**
- **DOT, ADR/RID/ADN, IMDG, IATA** III

- **Environmental hazards:** Product contains environmentally hazardous substances: d-limonene

- **Marine pollutant:**



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- **Special precautions for user** Warning: Miscellaneous dangerous substances and articles.
- **Hazard identification number (Kemler code):** 90
- **EMS Number:** F-A,S-F

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• **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

• **Transport/Additional information:**

Not regulated when carried in single or combination packaging containing a net quantity of 5 L or less for liquids or 5 kg or less for solids per the following:

DOT: 171.4(c)(2)

ADR: SP 375

IMDG: 2.10.2.7

IATA: special provision A197

15 Regulatory information

• **Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **IARC (International Agency for Research on Cancer)**

5989-27-5 d-limonene

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• **Australia**

• **Australian Inventory of Chemical Substances**

All ingredients are listed.

• **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients are listed.

• **New Zealand**

• **HSNO Group Standard HSR002552**

• **New Zealand Inventory of Chemicals (NZIOC)**

All ingredients are listed.

• **HSNO Approval numbers**

108-32-7	Propylene carbonate	HSR003348
68439-46-3	Alcohols, C9-11, ethoxylated	HSR003338
5989-27-5	d-limonene	HSR002725
78-70-6	Linalool	HSR003500
106-22-9	dl-Citronellol	HSR003483
106-24-1	Geraniol	HSR003176
5392-40-5	Citral	HSR002728
55406-53-6	3-Iodo-2-propynylbutylcarbamate	HSR002733

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bio-accumulable, Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Flam. Liq. 4: Flammable liquids – Category 4
Acute Tox. 3: Acute toxicity - oral – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Acute Tox. 5: Acute toxicity - dermal – Category 5
Acute Tox. 1: Acute toxicity - inhalation – Category 1
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Skin Corr. 3: Skin corrosion/irritation – Category 3
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

• Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers

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