



Safety Data Sheet

in accordance with HSNO

Revision: 20 January 2020

1 Identification of the substance or mixture and of the supplier

- **Product identifier**
- **Trade name:** **Grip Clean**
- **Product code:** GCN008 - 227GRAM, GCN025 - 71GRAM, GCN135 - 4 LITRE
- **Recommended use:** Hand cleaning agent
- **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 6.3B Skin Irr. 3 H316 Causes mild skin irritation.
HSNO 6.5B Skin Sens. 1 H317 May cause an allergic skin reaction.
HSNO 6.4A Eye Irrit. 2A H319 Causes serious eye irritation.
HSNO 9.1D Aquatic Acute 2 H401 Toxic to aquatic life.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H401 Toxic to aquatic life.
- **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.
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.

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P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
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:**

61789-30-8	Coconut fatty acids, potassium salts Aquatic Acute 1, H400 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317	10-30%
10124-65-9	potassium laurate Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<10%
56-81-5	Glycerol	<10%
1332-58-7	Kaolin	<10%
68154-77-8	Fatty acids, olive-oil, potassium salts Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<10%
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	<0.25%

- **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:**

Unlikely route of exposure.
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**

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Allergic reactions

Irritating to eyes and skin.

- **Hazards:** Sensitising effect by skin contact is possible by prolonged exposure.
- **Indication of any immediate medical attention and special treatment needed**
Contains d-limonene. May produce an allergic reaction.
Treat skin and mucous membrane with antihistamine and corticoid preparations.

5 Fire fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
The product is not flammable.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
Use personal protective equipment as required.
- **Environmental precautions**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Methods and material for containment and cleaning up**
Wipe up small spills with paper towel and discard.
For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.
Dispose of the material collected according to regulations.
- **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** Keep out of reach of children.
- **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:** Containers should be tightly sealed.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

- Control parameters

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

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

56-81-5 Glycerol

WES (New Zealand)	Long-term value: 10 mg/m ³ mist
WES (Australia)	Long-term value: 10 mg/m ³
PEL (USA)	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV (USA)	TLV withdrawn-insufficient data human occup. exp.

1332-58-7 Kaolin

WES (New Zealand)	Long-term value: 10 2* mg/m ³ *respirable dust
WES (Australia)	Long-term value: 10 mg/m ³
PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 2* mg/m ³ E; as respirable fraction

- Exposure controls

- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Avoid contact with the eyes.

Avoid close or long term contact with the skin.

Wash hands before breaks and at the end of work.

- Respiratory protection: Not required under normal conditions of use.

- Protection of hands:

Wear protective gloves to handle contents of damaged or leaking units.

Gloves are advised for repeated or prolonged contact.

- Eye protection: Follow relevant national guidelines concerning the use of protective eyewear.

- Body protection: Protective work clothing

- Limitation and supervision of exposure into the environment:

No further relevant information available.

9 Physical and chemical properties

- Information on basic physical and chemical properties

- Appearance

Form:	Slurry.
Colour:	Light brown
Odour:	Citrus.

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· Odour threshold:	Not determined.
· pH-value:	9.20-9.60
· Melting point/freezing point:	Not determined.
· Initial boiling point and boiling range:	Not determined.
· Flash point:	Not applicable.
· Flammability (solid, gas):	Not applicable.
· Auto/Self-ignition temperature:	Not applicable.
· 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:	
Relative density:	1.19
Vapour density:	Not determined.
Evaporation rate:	Not determined.
· Solubility in / Miscibility with water:	Soluble.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity	
Dynamic:	20000 cps
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 strong acids.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials** Strong acids.
- **Hazardous decomposition products** Possible in traces.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

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· **LD/LC50 values relevant for classification:**

5989-27-5 d-limonene

Oral | LD50 | 4400 mg/kg (rat)

- **Primary irritant effect**
- **Skin corrosion/irritation:** Irritant to skin and mucous membranes.
- **Serious eye damage/irritation:** Irritating effect.
- **Respiratory or skin sensitisation:** Contains d-limonene. May produce an allergic reaction.

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

None of the ingredients are listed.

· **Probable routes of exposure:**

Ingestion.

Eye contact.

Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):** Irritating to eyes and skin.
- **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:** The product contains materials that are harmful to the environment.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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**
Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, ADR/RID/ADN, IMDG, IATA | Not Regulated |
| · UN proper shipping name | |
| · DOT, ADR/RID/ADN, IMDG, IATA | Not Regulated |
| · Transport hazard class(es) | |
| · DOT, ADR/RID/ADN, IMDG, IATA | |
| · Class | Not Regulated |
| · Packing group | |
| · DOT, ADR/RID/ADN, IMDG, IATA | Not Regulated |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |

15 Regulatory information

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

· IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

· Australia

· Australian Inventory of Chemical Substances

Contact manufacturer.

· Standard for the Uniform Scheduling of Medicines and Poisons

5392-40-5 Citral

S5

· New Zealand

· HSNO Group Standard HSR002552

· New Zealand Inventory of Chemicals (NZIOC)

All ingredients are listed.

· HSNO Approval numbers

5989-27-5 d-limonene

HSR002725

16 Other information

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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:

LDLo: Lowest Lethal Dose Observed
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
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
Acute Tox. 5: Acute toxicity - oral – Category 5
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – 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

Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor-internet/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

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com