1. Identification

Product identifier
Georgia-Pacific® Heavy Duty Industrial Hand Cleaner

Product list
Georgia-Pacific® Heavy Duty Industrial Hand Cleaner (3L) SKU 44627
Georgia-Pacific® Heavy Duty Industrial Hand Cleaner (1.5L) SKU 44629
Georgia-Pacific® Heavy Duty Industrial Hand Cleaner (1.5L) GP6254
Georgia-Pacific® Heavy Duty Industrial Hand Cleaner (100mL) GP6292

Other means of identification
None.

Recommended use
Heavy duty hand cleaner designed for tough industrial soils such as tar, paint, lacquer and other difficult cleaning tasks.

Recommended restrictions
None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer
Company name: Manufactured for: Georgia-Pacific Consumer Products LP
Address: 133 Peachtree Steet, NE
Atlanta, GA 30303
Telephone: Technical Information: 866.435.5647
(M)SDS Request: 404.652.5119
E-mail: MSDSREQ@GAPAC.com
Emergency phone number: Chemtrec - Emergency: 800.424.9300

2. Hazard(s) identification

Physical hazards
Not classified.

Health hazards
Eye irritation Category 2B

Environmental hazards
Hazardous to the aquatic environment, acute hazard Category 3

Label elements

Hazard symbol
None.

Signal word
Warning

Hazard statement
Causes eye irritation. Harmful to aquatic life.

Precautionary statement

Prevention
Wash thoroughly after handling large quantities. Avoid release to the environment.

Response
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage
Store away from incompatible materials.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards
None known.

Supplemental information
None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECETH-6</td>
<td></td>
<td>26183-52-8</td>
<td>7 - 13</td>
</tr>
<tr>
<td>AMORPHOUS SILICA</td>
<td></td>
<td>112926-00-8</td>
<td>3 - 7</td>
</tr>
<tr>
<td>GLYCERIN</td>
<td></td>
<td>56-81-5</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

**Inhalation**
Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if irritation persists.

**Skin contact**
If irritation occurs, flush skin with plenty of water. Seek medical attention if irritation persists.

**Eye contact**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion**
Rinse mouth. Do not induce vomiting without advice from poison control center. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**
Causes eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Indication of immediate medical attention and special treatment needed**
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

**Suitable extinguishing media**
Powder, water spray, foam, carbon dioxide.

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Firefighters should wear full protective clothing including self contained breathing apparatus.

**Firefighting equipment/instructions**
Use standard firefighting procedures and consider the hazards of other involved materials. This product is not expected to burn unless all water is boiled away. The remaining organic compounds may be ignitable. Use water to cool containers exposed to fire.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Spills of this material are a slipping hazard.

**Methods and materials for containment and cleaning up**
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions**
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

### 7. Handling and storage

**Precautions for safe handling**
For external use only. Keep out of the reach of children. Do not get this material in contact with eyes. Wear gloves and safety glasses or goggles if handling large quantities. Avoid prolonged exposure. Provide adequate ventilation. Avoid release to the environment.

**Conditions for safe storage, including any incompatibilities**
Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
8. Exposure controls/personal protection

Occupational exposure limits

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMORPHOUS SILICA (CAS</td>
<td>TWA</td>
<td>4 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td>112926-00-8)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>1.5 mg/m³</td>
<td>Respirable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 mg/m³</td>
<td>Respirable mist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMORPHOUS SILICA (CAS</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>112926-00-8)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GLYCERIN (CAS 56-81-5)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Mist.</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection

None necessary under normal conditions of use. Wear safety glasses or goggles if handling large quantities.

Skin protection

Hand protection

None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.

Other

None necessary under normal conditions of use.

Respiratory protection

Under normal conditions of use respiratory protection is not expected to be required.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

9. Physical and chemical properties

Appearance

Hand cleanser containing scrubbing agents.

Physical state

Liquid.

Form

Liquid gel.

Colour

Yellow.

Odour

Citrus

Odour threshold

Not available.

pH

6 - 7

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

Not available.

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.
Flammability limit - upper (%) Not available.
Explosive limit - lower (%) Not available.
Explosive limit – upper (%) Not available.
Vapour pressure Not available.
Vapour density Not available.
Relative density Not available.
Solubility(ies) Solubility (water) Not available.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
Viscosity Not available.

10. Stability and reactivity
Chemical stability Material is stable under normal conditions.
Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.
Conditions to avoid Contact with incompatible materials.
Incompatible materials Strong oxidising agents.
Hazardous decomposition products Small amounts of nitrogen oxides, carbon monoxide and carbon dioxide may be released.

11. Toxicological information
Information on likely routes of exposure
Inhalation No effects expected under normal conditions of use.
Skin contact No effects expected under normal conditions of use. Prolonged skin contact may cause temporary irritation.
Eye contact Causes eye irritation.
Ingestion Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.
Symptoms related to the physical, chemical and toxicological characteristics Causes eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects
Acute toxicity Not known.
Components Species Test results
AMORPHOUS SILICA (CAS 112926-00-8)
Acute Dermal
LD50 Rabbit > 5000 mg/kg
Oral LD50 Rat > 5000 mg/kg
D-LIMONENE (CAS 5989-27-5)
Acute Oral
LD50 Mouse 5600 - 6600 mg/kg
### Components

<table>
<thead>
<tr>
<th>Material Name</th>
<th>CAS Number</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
<td></td>
</tr>
</tbody>
</table>

#### Acute

<table>
<thead>
<tr>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermal</td>
<td>Rabbit &gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat &gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

### Skin corrosion/irritation

- Prolonged skin contact may cause temporary irritation.

### Serious eye damage/eye irritation

- Causes eye irritation.

### Respiratory or skin sensitisation

- **Canada - Alberta OELs: Irritant**

<table>
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<tr>
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<th>CAS Number</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLYCERIN</td>
<td>56-81-5</td>
<td>Irritant</td>
</tr>
</tbody>
</table>

#### Respiratory sensitisation

- Not a respiratory sensitizer.

#### Skin sensitisation

- This product is not expected to cause skin sensitisation.

#### Germ cell mutagenicity

- Not hazardous under normal conditions of use.

#### Carcinogenicity

- **IARC Monographs. Overall Evaluation of Carcinogenicity**

<table>
<thead>
<tr>
<th>Material Name</th>
<th>CAS Number</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMORPHOUS SILICA</td>
<td>112926-00-8</td>
<td>3 Not classifiable as to carcinogenicity to humans.</td>
</tr>
</tbody>
</table>

### Reproductive toxicity

- This product is not expected to cause reproductive or developmental effects.

### Specific target organ toxicity

- **- single exposure**

  - Not classified.

- **- repeated exposure**

  - Not classified.

### Aspiration hazard

- Not an aspiration hazard.

### Chronic effects

- Not hazardous under normal conditions of use.

### 12. Ecological information

#### Ecotoxicity

Harmful to aquatic life.

<table>
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<tr>
<td>Georgia-Pacific® Heavy Duty Industrial Hand Cleaner</td>
<td></td>
</tr>
</tbody>
</table>

#### Aquatic

<table>
<thead>
<tr>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crustacea EC50</td>
<td>Daphnia 11091.3926 mg/l, 48 Hours estimated</td>
</tr>
<tr>
<td>Acute Fish LC50</td>
<td>Fish 123.8493 mg/l, 96 hours estimated</td>
</tr>
</tbody>
</table>

### Components

<table>
<thead>
<tr>
<th>Material Name</th>
<th>CAS Number</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-LIMONENE</td>
<td>5989-27-5</td>
<td></td>
</tr>
</tbody>
</table>

#### Aquatic

<table>
<thead>
<tr>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia pulex) 69.6 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Fathead minnow (Pimephales promelas) 0.619 - 0.796 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Material Name</th>
<th>CAS Number</th>
<th>Test results</th>
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#### Aquatic

<table>
<thead>
<tr>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish LC50</td>
<td>Fish &gt; 100 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

### Persistence and degradability

No data is available on the degradability of this product.

### Bioaccumulative potential

<table>
<thead>
<tr>
<th>Material Name</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-LIMONENE</td>
<td>4.232</td>
</tr>
<tr>
<td>GLYCERIN</td>
<td>-1.76</td>
</tr>
</tbody>
</table>
No data available.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions  Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations  Dispose in accordance with all applicable regulations.
Hazardous waste code  The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products  Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging  Empty packaging/container can be disposed in accordance with all applicable regulations.

14. Transport information

TDG  Not regulated as dangerous goods.
IATA  Not regulated as dangerous goods.
IMDG  Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  Not established.

15. Regulatory information

Canadian regulations  This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR. This product is regulated under Canada's Food & Drug Act.

Controlled Drugs and Substances Act  Not regulated.
Export Control List (CEPA 1999, Schedule 3)  Not listed.
Greenhouse Gases  Not listed.
Precursor Control Regulations  Not regulated.
International regulations  Not applicable.
Stockholm Convention  Not applicable.
Rotterdam Convention  Not applicable.
Kyoto protocol  Not applicable.
Montreal Protocol  Not applicable.
Basel Convention  Not applicable.

16. Other information

Issue date  07-27-2017
Revision date  05-15-2018
Version No.  02
Disclaimer

This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.

Revision information

Product and Company Identification: Product Codes