SAFETY DATA SHEET

1. Identification

Product identifier Georgia-Pacific® Industrial Hand Cleaner

Product list Georgia-Pacific® Industrial Hand Cleaner SKU 44626

Other means of identification None.

Recommended use Industrial hand cleaner designed for medium to heavy duty soils such as lubricants, diesel, brake fluid, cement and other grease and grime.

Recommended restrictions This product is regulated as a cosmetic in Canada, and is intended for personal care use.

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. 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>AMORPHOUS SILICA</td>
<td></td>
<td>112926-00-8</td>
<td>5 - &lt; 7</td>
</tr>
<tr>
<td>TRIDECETH-6</td>
<td></td>
<td>69011-36-5</td>
<td>8.89</td>
</tr>
<tr>
<td>OLEIC ACID</td>
<td></td>
<td>67701-08-0</td>
<td>7.19</td>
</tr>
</tbody>
</table>

Other components below reportable levels 77 - < 79

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Material name: Georgia-Pacific® Industrial Hand Cleaner
Version #: 01 Issue date: 07-27-2017
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.

**Fire fighting equipment/instructions**
Firefighters should wear full protective clothing including self-contained breathing apparatus.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**
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. Cover with plastic sheet to prevent spreading. 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**
Avoid release to the environment. If large quantities enter a waterway, advise local authorities.

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. 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 112926-00-8)</td>
<td>TWA</td>
<td>4 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.5 mg/m³</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

Canada. Quebec OELs. (Ministry of Labour - Regulation Respecting the Quality of the Work Environment)

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<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMORPHOUS SILICA (CAS 112926-00-8)</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td>Respirable dust.</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

Paste.

Colour

Cream, light yellow

Odour

Lemon

Odour threshold

Not available.

pH

8 - 9

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.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Georgia-Pacific® Industrial Hand Cleaner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>54438 mg/kg estimated</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>3167 mg/m3, 8 hours estimated</td>
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<tr>
<td>LD50</td>
<td>Rat</td>
<td>67634 mg/kg estimated</td>
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</table>

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<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>&gt; 15000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>TRIDECETH-6 (CAS 69011-36-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Dermal</td>
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<td></td>
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<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>5960</td>
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<table>
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<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2000</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**

- **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**

Not classified.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

AMORPHOUS SILICA (CAS 112926-00-8) 3 Not classifiable as to carcinogenicity to humans.

**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.

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<tr>
<td>Georgia-Pacific® Industrial Hand Cleaner</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Fish</td>
</tr>
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</table>

**Components**

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</tr>
<tr>
<td>Chronic</td>
<td>Fish</td>
<td>EC20</td>
</tr>
</tbody>
</table>

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**Persistence and degradability**

No data is available on the degradability of this product.

**Bioaccumulative potential**

No data available.

**Mobility in soil**

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).
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** Not established.
**Annex II of MARPOL 73/78**
**and the IBC Code**

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.

- **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**

- **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

**Version No.**
01

**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
Composition / Information on Ingredients: Ingredients
Exposure Controls / Personal Protection: OELs
Physical & Chemical Properties: Multiple Properties
HazReg Data: North America
GHS: Classification