SECTION 1 - IDENTIFICATION

Product Name: **Genteel**
General Use: Liquid Dishwashing Detergent
Manufacturer Name: Texas Correctional Industries

Emergency Telephone Numbers
Texas Poison Center Network (TPCN) : 1-800-222-1222
Roach Soap & Detergent Plant Lab: 940-937-6364 EXT. 7392
SDS available at: www.tci.tdcj.texas.gov

Monday thru Thursday: 5:30 AM – 3:30 PM

SECTION 2 - HAZARD IDENTIFICATION

Primary Route of Exposure : Eyes, skin, mouth (oral)

Signs and Symptoms of Over Exposure (acute):
- **Eyes**: May cause eye irritation
- **Skin**: May cause redness or rash
- **Ingestion**: May cause gastrointestinal irritation
- **Inhalation**: N/A

Signs and Symptoms of Over Exposure (chronic) : Eye, skin irritation

Medical Condition Aggravated by Over Exposure : Not known

Carcinogen or Suspect of Carcinogen Ingredients : None

GHS Hazard Numbers: H302

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical/Common Name</th>
<th>CAS No.</th>
<th>PERCENT</th>
<th>TLV</th>
<th>PEL</th>
<th>WHMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Lauryl Sulfate</td>
<td>151-21-3</td>
<td>10.25</td>
<td>Unknown</td>
<td>Unknown</td>
<td></td>
</tr>
<tr>
<td>Coco Diethanolamide</td>
<td>61789-40-0</td>
<td>4.25</td>
<td>2 mg/m³</td>
<td>None</td>
<td>1%</td>
</tr>
</tbody>
</table>

N/A= Not Applicable
N/D = Not Determined

Threshold Limit Values (TLV): TWA (time-weighted average for 8 hr. day); PEL (personal exposure limit)

SECTION 4 - FIRST AID MEASURES

**Eyes** : Immediately flush eyes with plenty of water for at least 15 min. If irritation persists, get medical attention.

**Skin** : Flush with copious amounts of water. Remove contaminated clothing and seek medical attention if irritation persists.

**Ingestion** : Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting unless directed by physician.

**Inhalation** : Move person to fresh air if irritation, headache, drowsiness, or nausea occurs. Seek medical attention if breathing becomes difficult or if any irritation should persist.

SECTION 5 - FIRE FIGHTING MEASURES

**Flammable Limit** : N/A
**Physical Hazard** : None
**Extinguishing Media** : Water, foam, dry chemicals, or carbon dioxide
**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Steps to be taken if released or spilled: Adequately ventilate the area. Gather all material practical for salvage or disposal. Avoid the release of large quantities into water outfalls or water treatment facilities.

**SECTION 7 - HANDLING AND STORAGE**

Store in a cool dry area above 60°F. Protect this product from freezing. Keep out of the reach of children.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>Protection Type</th>
<th>Protection Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Protection</td>
<td>Local exhaust or air movement is good</td>
</tr>
<tr>
<td>Ventilation Requirement</td>
<td>None</td>
</tr>
<tr>
<td>Protective Gloves</td>
<td>None necessary</td>
</tr>
<tr>
<td>Eye Protection</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
<td>1.06</td>
</tr>
<tr>
<td>Specific Gravity (water = 1)</td>
<td>Complete</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>8 - 10</td>
</tr>
<tr>
<td>pH</td>
<td>N/D</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Clear light red- pink liquid</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Clear light red- pink liquid</td>
</tr>
</tbody>
</table>

**SECTION 10 – STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th>Property</th>
<th>Stability</th>
<th>Incompatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous Decomposition</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Stability</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Incompatibility</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

*NOTE: The C### notation below refers to a principal component based on the amount present in the product which may involve trade secret chemicals.*

In the event of an accident, notify the Poison Control Center for more information.
SECTION 11 – TOXICOLOGICAL INFORMATION

C007
Acute Toxicity
Product Information

Respiratory Protection Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Sodium Lauryl Sulfate (NF/FCC)

Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA’s eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Tightly fitting safety goggles.

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

Personal Protective Equipment

Revision Date 23-Mar-2015
Skin and body protection Long sleeved clothing.

Oral LD50 Category 4. ATE = 300 - 2000 mg/kg.
Dermal LD50 Category 3. ATE = 200 - 1000 mg/kg.
Mist LC50 Based on ATE data, the classification criteria are not met. ATE > 5 mg/l.

Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecyl sulfate</td>
<td>977 mg/kg ( Rat )</td>
<td>&gt; 2000 mg/kg</td>
<td>3900 mg/m3 ( Rat ) 1 h</td>
</tr>
</tbody>
</table>

Toxicologically Synergistic Products
No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation Irritating to eyes and skin
Sensitization No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>IARC</th>
<th>NTP</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecyl sulfate</td>
<td>151-21-3</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Mutagenic Effects No information available
Reproductive Effects No information available.
Developmental Effects No information available.
Teratogenicity No information available.
STOT - single exposure Respiratory system
STOT - repeated exposure None known
Aspiration hazard No information available
Symptoms / effects, both acute and delayed
No information available
Endocrine Disruptor Information No information available
Other Adverse Effects The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

C062

Mutagenicity not mutagenic in AMES Test.

C012
ACUTE HAZARDS
EYE & SKIN CONTACT:
Primary irritation to skin: Dermatitis.
Primary irritation to eyes: Redness, tearing, blurred vision.
Liquid can cause eye irritation.
Wash thoroughly after handling.

INHALATION: Vapor harmful.
Swallowing: Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/ CONDITIONS AGGRAVATED: None

CHRONIC HAZARDS CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 6.1%.

IRRITANCY OF PRODUCT: This product is irritating to contaminated tissue.

SENSITIZATION TO THE PRODUCT: No component of this product is known to be a sensitizer.

MUTAGENICITY: Not reported (in humans).

EMBRYOTOXICITY: Not reported (in humans).

TERATOGENICITY: Not reported (in humans).

REPRODUCTIVE TOXICITY: Not reported (in humans).

MAMMALIAN TOXICITY: No mammalian information is available on this product.

SECTION 12- ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Component</th>
<th>Freshwater Algae</th>
<th>Freshwater Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecyl sulfate</td>
<td>3.59 - 15.6 mg/L EC50 96 h 117 mg/L EC50 = 96 h 53 mg/L EC50 = 72 h 30 - 100 mg/L EC50 96 h</td>
<td>1.31 mg/L LC50 96 h 9.9-20.1 mg/L LC50 96 h 4.5 mg/L LC50 96 h 4.62 mg/L LC50 96 h 7.97 mg/L LC50 96 h 10.2-22.5 mg/L LC50 96 h 10.8-16.6 mg/L LC50 96 h 13.5-18.3 mg/L LC50 96 h 15-18.9 mg/L LC50 96 h 22.1-22.8 mg/L LC50 96 h 4.06-5.75 mg/L LC50 96 h 4.2-4.8 mg/L LC50 96 h 4.3-8.5 mg/L LC50 96 h 5.8-7.5 mg/L LC50 96 h 6.2-9.6 mg/L LC50 96 h 8-12.5 mg/L LC50 96 h 4.2 mg/L LC50 96 h</td>
<td>= 0.46 mg/L EC50 Photobacterium phosphoreum 30 min = 0.72 mg/L EC50 Photobacterium phosphoreum 15 min = 1.19 mg/L EC50 Photobacterium phosphoreum 5 min</td>
<td>= 1.8 mg/L EC50 = 48 h</td>
</tr>
</tbody>
</table>

Persistence and Degradability: Soluble in water. Persistence is unlikely based on information available. Bioaccumulation/ Accumulation: No information available. Mobility: Will likely be mobile in the environment due to its water solubility.

<table>
<thead>
<tr>
<th>Component</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecyl sulfate</td>
<td>1.6</td>
</tr>
</tbody>
</table>

C062

EFFECT OF MATERIAL ON PLANTS AND ANIMALS: Not available
EFFECT OF MATERIAL ON AQUATIC LIFE: No aquatic information is available.
MOBILITY IN SOIL: Has not been determined.
BIODEGRADABILITY: This product is completely biodegradable.
ACCUMULATION: Has not been determined.

Water hazard class 1: Slightly hazardous to water.

SECTION 13 – DISPOSAL CONSIDERATIONS

C007

Waste Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Do not re-use empty containers.

US EPA Waste Number: U203

SECTION 14 – TRANSPORT INFORMATION

C007

DOT

UN-No UN1325
Proper Shipping Name Flammable solid, organic, n.o.s
Proper technical name Sodium dodecyl sulphate
Hazard Class 4.1
Packing Group III

TDG

UN-No UN1325
Proper Shipping Name FLAMMABLE SOLID, ORGANIC, N.O.S.
Hazard Class 4.1
Packing Group III

IATA

UN-No UN1325
Proper Shipping Name FLAMMABLE SOLID, ORGANIC, N.O.S.
Hazard Class 4.1
Packing Group III

IMDG/IMO

UN-No UN1325
Proper Shipping Name FLAMMABLE SOLID, ORGANIC, N.O.S.
Hazard Class 4.1
Packing Group III

C062

Refer to bill of lading or container label for DOT or other transportation information.
Genteel, Date Issued: December 2020

hazard classification, if any.

C012
ADR Not Regulated
RID Not Regulated
DOT Not Regulated
IMDG Not Regulated
IAT Not Regulated

SECTION 15 – REGULATORY INFORMATION

C007
All of the components in the product are on the following Inventory lists: X = listed

International Inventories

<table>
<thead>
<tr>
<th>Component</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>NLP</th>
<th>PICCS</th>
<th>ENCS</th>
<th>AICS</th>
<th>IECSC</th>
<th>KECL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecyl sulfate</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>205-788-1</td>
<td>-</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Legend:

X - Listed
E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.
F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.
N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.
P - Indicates a commenced PMN substance
R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
S - Indicates a substance that is identified in a proposed or final Significant New Use Rule
T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.
XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710B).
Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.
Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

C062
There is no calculable reportable quantity (RQ) for this product.

CERCLA (Superfund) reportable quantity None

Superfund Amendments and
Reauthorization Act of 1986 (SARA)
Section 302 extremely No hazardous substance
Section 311 hazardous No chemical

C012
EPA REGULATION:
SARA SECTION 311/312 HAZARDS: None Known

All components of this product are on the TSCA list.
This material contains no known products restricted under
SARA Title III, Section 313 in amounts greater or equal to 1%.
SECTION 16 – OTHER INFORMATION

*SDS updated by: Timothy J. Sharpe, TCI Chemist, Childress, TX

Note: Product should be used as directed on the label and no other use is permitted. No warranty is implied expressly or otherwise regarding the accuracy of the information in the product’s suitability for the consumer’s use and the outcome of its use. The technical accuracy of the information submitted herein is based on the data submitted to TCI by the manufacturers for the materials used in this finished product.