

SAFETY DATA SHEET



Texas Correctional Industries
Texas Department of Criminal Justice

Date Issued: March 2017

Supersedes: September 2016

SECTION 1 - IDENTIFICATION

Product Name: **Genteel**
General Use: Liquid Dishwashing Detergent
Manufacturer Name: Texas Correctional Industries
 Roach Soap & Detergent Plant
 15845 FM 164
 Childress, TX 79201

Emergency Telephone Numbers

Galveston Texas Poison Control: **1-800-764-7661**
 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

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical/Common Name	CAS No.	PERCENT	ACGIH/OSHA (TWA)		WHMIS
			TLV	PEL	
Sodium Lauryl Sulfate	151-21-3	10.25	Unknown	Unknown	Unknown
Coco Diethanolamide	61789-40-0	4.25	2 mg/m ³	None	1%

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
 Fire Extinguishing Procedure : Use of respiratory equipment is recommended in enclosed areas

Genteel, Date Issued: March 2017

Fire and Explosive Hazard : None

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 PPROTECTION

Respiratory Protection : Local exhaust or air movement is good

Ventilation Requirement : None

Protective Gloves : None necessary

Eye Protection :

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure : 1.06

Specific Gravity (water = 1) : Complete

Solubility in Water : 8 - 10

pH : N/D

Boiling Point : Clear light red- pink liquid

Appearance and Odor : Clear light red- pink liquid

SECTION 10 – STABILITY AND REACTIVITY

Hazardous Decomposition

Stability : None

Incompatibility : None

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

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium dodecyl sulfate	977 mg/kg (Rat)	> 2000 mg/kg	3900 mg/m3 (Rat) 1 h

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.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Sodium dodecyl sulfate	151-21-3	Not listed	Not listed	Not listed	Not listed	Not listed

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:

Primary irritation to eyes:

Dermatitis.

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

C007

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Sodium dodecyl sulfate	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	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	= 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	1.8 mg/L EC50 = 48 h

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.

Component	log Pow
Sodium dodecyl sulfate	1.6

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.

C012

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

C062 Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations.

C012 Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations.

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 on container label for DOT or other transportation

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

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Sodium dodecyl sulfate	X	X	-	205-788-1	-		X	X	X	X	X

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 710(B)).

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
 Section 311 hazardous

No hazardous substance
 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%.

Genteel, Date Issued: March 2017
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.