



SAFETY DATA SHEET

PRODUCT NAME

Decyl Glucoside

Section I—Product and Company Information

Shay and Company	Emergency Telephone Number 503-653-1155
10639 SE Fuller Rd	Telephone Number for Information 503-653-1155
Milwaukie OR 97222	Date Prepared 08/26/2013 Last Updated 09/14/2018

Section II— Hazards Identification

OSHA/HCS Status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the Substances or Mixture:

Acute Toxicity (Oral) – Category 4
Skin Corrosion/Irritation – Category 2
Serious Eye Damage/Eye Irritation – Category 2

GHS Label Elements

Hazard Pictograms:



Signal Word:

Warning

Hazard Statements:

Harmful if swallowed
Causes serious eye irritation
Causes skin irritation

Precautionary Statements

General:

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention:

Wear protective gloves. Wear eye or face protection. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response:

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. 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 attention.

Storage:

Not applicable

Disposal:

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental Label Elements:

None known

Hazards Not Otherwise Classified:

None known

HMIS Ratings (Scale 0-4)

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	

Health = 2 Fire = 1 Physical Hazard = 0

NFPA Ratings (Scale 0-4)



Health = 2 Flammability = 1 Reactivity = 0

Section III— Composition/Information on Ingredients

Dangerous and Non-Dangerous Components:

Chemical Name	CAS Number	%
d-glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	30 – 60

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section IV—First Aid Measures

Description of Necessary First Aid Measures

Eye Contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin Contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a POISON CENTER or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED**Potential Acute Health Effects****Eye Contact:**

Causes serious eye irritation.

Inhalation:

No known significant effects or critical hazards.

Skin Contact:

Causes skin irritation.

Ingestion:

Harmful if swallowed.

Over-exposure Signs/Symptoms**Eye Contact:**

Adverse symptoms may include the following:

Pain or irritation

Watering

Redness

Inhalation:

No specific data

Skin Contact:

Adverse symptoms may include the following:

Irritation

Redness

Ingestion:

No specific data

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary

Notes to Physician:

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific Treatments:

No specific treatment

Protection to First-Aiders:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section V—Fire Fighting Measures

Extinguishing Media**Suitable Extinguishing Media:**

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media:

None known

Specific Hazards Arising from the Chemical:

In a fire or if heated, a pressure increase will occur, and the container may burst.

Hazardous Thermal Decomposition Products:

Decomposition products may include the following materials:

Carbon dioxide

Carbon monoxide

Metal oxide/oxides

Special Protective Actions for Firefighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special Protective Equipment for Firefighters:

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece in positive pressure mode.

Section VI—Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures**For Non-Emergency Personnel:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For Non-Emergency Personnel".

Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containment and Cleaning Up

Small Spill:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spill:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Section VII—Handling and Storage

Precautions for Safe Handling

Protective Measures:

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on General Occupational Hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for Safe Storage, Including any Incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Container that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section VIII—Exposure Controls/ Personal Protection

Control Parameters

Occupational Exposure Limits:

None

Appropriate Engineering Controls:

Good general ventilation should be enough to control worker exposure to airborne contaminants.

Environmental Exposure Controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual Protection Measures

Hygiene Measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Hand Protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section IX—Physical and Chemical Properties

Physical State	Liquid
Color	Clear. Yellow.
pH	11.25 – 12.5 [Conc. (% w/w): 10%]
Melting Point	Not available
Boiling Point	100°C (212°F)
Flash Point	Closed cup: > 96°C (>204.8°F)
Evaporation Rate	Not available
Relative Density	1.1

Section X—Stability and Reactivity

Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability:

The product is stable

Possibility of Hazardous Reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid:

No specific data

Incompatible Materials:

Reactive or incompatible with the following materials:
Acids

Hazardous Decomposition Products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section XI—Toxicological Information

Information on Toxicological Effects**Acute Toxicity:**

Product/Ingredient Name	Result	Species	Dose	Exposure
d-glucopyranose, oligomeric, decyl octyl glycosides	LD50 Dermal	Rabbit	> 2000 mg/kg	-----
	LD50 Oral	Rat	> 5000 mg/kg	-----

Irritation/Corrosion:

Not available

Reproductive Toxicity:

Not available

Teratogenicity:

Not available

Section XII—Ecological Information

Toxicity:

Not available

Persistence and Degradability:

Not available

Section XIII—Disposal Information

Disposal Methods:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section XIV—Transportation Information

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	-----	-----	-----	-----

Transport Hazard Class(es)	----	----	----	----
Packing Group	-----	-----	-----	-----
Environmental Hazards	No	No	No	No
Additional Information	-----	-----	-----	-----

Special Precautions for User:

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not available

Section XV -- Regulatory Information

California Prop. 65:

Not on Prop 65 list.

US Federal Regulations

United States Inventory (TSCA 8b):

All components are listed or exempted.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs):

Not listed.

Clean Air Act Section 602 Class I Substances:

Not listed

Clean Air Act Section 602 Class II Substances:

Not listed

DEA List I Chemicals (Precursor Chemicals):

Not listed

DEA List II Chemicals (Essential Chemicals):

Not listed

SARA 302/304:

No products were found

SARA 311/312 Classification:

Immediate (Acute) health hazard

Composition/Information on Ingredients:

Name	%	Fire Hazard	Sudden Release of Pressure	Reactive	Immediate (Acute) Health Hazard	Delayed (Chronic) Health Hazard
d-glucopyranose, oligomeric, decyl octyl glycosides	30 – 60	No	No	No	Yes	No

State Regulations**Massachusetts:**

None of the components are listed.

New York:

None of the components are listed.

New Jersey:

None of the components are listed.

Pennsylvania:

None of the components are listed.

International Listings**Canada:**

All components are listed or exempted.

Europe:

All components are listed or exempted.

Australia:

All components are listed or exempted.

Section XVI – Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.
