

ISSUE DATE: 4/15/2015

I PRODUCT AND COMPANY IDENTIFICATION

GHS PRODUCT IDENTIFIER:

TRADE NAME; CRYSTAL BLUE

OTHER MEANS OF IDENTIFICATION:

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

RECOMMENDED USE: Manual Dish Washing

SUPPLIER'S DETAILS:

TANNER GROCERY COMPANY
421 MAPLE STREET
CARROLLTON, GA 30117
770-832-6381

24 HR. EMERGENCY NUMBER: INFOTRAC (800)535-5053

II HAZARD IDENTIFICATION

GHS CLASSIFICATION:

GHS CLASSIFICATION SCALE: (1=SEVERE HAZARD, 4=SLIGHT HAZARD)

This product in its supplied concentrate form is classified as hazardous and listed below. This product at its recommended end use dilution does not meet classification as hazardous for Physical, Health or Environmental Hazards under GHS.

PHYSICAL HAZARDS:

Not listed

HEALTH HAZARDS:

SKIN IRRITANT
EYE IRRITANT

CATEGORY 2 (in concentrated form)
CATEGORY 2 (in concentrated form)

ENVIRONMENTAL:

AQUATIC ENVIRONMENT

CATEGORY 3 acute/chronic (in concentrated form)

LABEL ELEMENTS:

SIGNAL WORD: WARNING

HAZARD STATEMENTS:

Causes serious eye irritation
Causes skin irritation
Harmful to aquatic life with long lasting effects

HAZARD SYMBOLS:**PRECAUTIONARY STATEMENTS:**

Keep out of reach of children
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection
 Avoid release to the environment

PRECAUTIONARY STATEMENTS (RESPONSE):

IF ON SKIN: Take off contaminated clothing and wash it before reuse. If skin irritation occurs, wash with plenty of water and get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If irritation persists, get medical advice/attention.

PRECAUTIONARY STATEMENTS (STORAGE)

Keep out of reach of children

PRECAUTIONARY STATEMENTS (DISPOSAL):

Dispose of contents/container to an approved waste disposal plant in accordance with applicable local/regional/national and international regulations and product characteristics at time of disposal.

OTHER HAZARDS:

Repeated or prolonged exposure can cause skin dryness or cracking.

III COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT IDENTITY	CAS NUMBER	PERCENTAGE
Sodium Lauryl Ether Sulfate	68585-34-2	PROPRIETARY
Sodium Dodecyl Benzenesulfonate	68081-81-2	PROPRIETARY

REMAINING INGREDIENTS ARE NOT REPORTABLE UNDER OSHA/SDS GUIDELINES. THE EXACT PERCENTAGES OF SOME INGREDIENTS HAVE BEEN WITHHELD AS (CBI) CONFIDENTIAL BUSINESS INFORMATION TRADE SECRET.

IV FIRST AID MEASURES

INGESTION: If swallowed, wash out mouth with water. Do not induce vomiting unless told to do so by a doctor or professional healthcare provider. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lung. Never give anything by mouth to an unconscious person.

SKIN CONTACT: In case of accidental skin contact, remove contaminated clothing. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse. If irritation occurs get medical advice.

INHALATION: No irritation expected; however if irritation occurs, move individual away from exposure and into fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

EYE CONTACT: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical attention/advice.

Most Important Symptoms and Effects, Acute and Delayed

INGESTION: Symptoms may include diarrhea, gastric pain, and vomiting.

SKIN CONTACT: Symptoms may include redness, dryness and cracking of skin.

INHALATION: Not expected; however symptoms could include irritation of respiratory tract.

EYE CONTACT: Symptoms may include stinging, tearing, redness and blurred vision.

Indication of immediate medical attention and special treatment needed, if necessary.

Treat Symptomatically.

V FIRE FIGHTING MEASURES

Suitable extinguishing media: Use fire extinguishers suitable for surrounding fire.

Unsuitable extinguishing media- Not flammable

Specific hazards arising from the chemical: In a fire or if heated, a pressure increase can occur and the container may burst.

Hazardous thermal decomposition products: carbon monoxide and CO₂, possibly ammonia, irritating gases

Special protective actions for fire-fighters: Keep product containers and surrounding areas cool with water spray. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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. Provide adequate ventilation. Avoid breathing mists. Put on appropriate personal protective equipment. Wear appropriate respirator when ventilation is inadequate.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of information in section 8 for further information. See also information in non-emergency personnel above.

Environmental precautions: Avoid dispersal of spilled material with waterways, drains and sewers. See section 12 for additional ecological information.

Methods and materials for containment and cleaning up.

Small spill: Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry material such as diatomaceous earth or vermiculite and place in an appropriate waste disposal container. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, drains, water courses and confined areas. Wash spillages into an effluent treatment plant or absorb with an inert dry material such as diatomaceous earth or vermiculite and place in a appropriate waste disposal containers. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

VII HANDLING AND STORAGE

Precautions for Safe Handling:

Safe Handling Advice: Utilize appropriate personal protective equipment when handling product. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mists. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container and tightly closed when not in use. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection during use. Emptied containers can contain product residues and require handling with all safety precautions in mind listed on this sds. Do not reuse container and dispose of in accordance with federal, state and local regulations.

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 hygiene information.

Conditions for safe storage including any incompatibilities:

Store in original container in a dry, cool and well ventilated area away from strong oxidizing agents (see section 10) and food and drink. Keep container tightly closed when not in use and away from children. Do not store in unlabeled containers. Do not freeze.

VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters **Occupational Exposure Limits**

None listed

Appropriate Engineering Controls

Engineering Controls: Use only with adequate ventilation. General room ventilation is required. Local mechanical ventilation may be necessary if working with this product in enclosed areas and/or at elevated temperatures. Maintain adequate ventilation. Avoid creating dust or mist. Do not use in closed or confined spaces.

Individual protection measures, such as personal protective equipment. (PPE)

Eye/Face Protection: Wear approved tightly sealed safety glasses. Wear additional eye protection such as chemical safety goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

Skin & Body Protection: Wear chemical resistant, impervious gloves at all times when handling chemical products. Check during use that gloves and aprons are still retaining their impervious properties, as the time for breakthrough can change from different manufacturers and chemical mixtures cannot always be accurately measured. Appropriate footwear and suitable protective clothing should be worn for the degree and risk of exposure.

Respiratory Protection: If workplace exposure limits of product or any component is exceeded, utilize proper respiratory protection program guidelines (see OSHA 1910.134 and American National Standard ANSI Z88.2) Use a properly fitted NIOSH/MSHA air-purifying or air-fed respirator with organic vapor cartridge and dust/mist filter in compliance with the above mentioned 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.

IX PHYSICAL AND CHEMICAL PROPERTIES

Appearance: blue liquid

Odor: Pleasant

Odor threshold: not available

pH: 8.5-9.5

Melting Point/Freezing Point: N.D.

Initial Boiling Point/Range: not applicable

Flash Pt: not flammable

Evaporation Rate: N.D. (butyl acetate=1)

Lower explosive limits: not applicable

Upper explosive limits: not applicable

Vapor Pressure: N.D.

Vapor Density: N.D. (air=1)

Relative Density: .998

Solubility in water: Soluble

Partition coefficient: not applicable

Auto ignition temp: not applicable

Decomposition Temp: not available

Viscosity: flowable liquid

X STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: No data available

Conditions to Avoid: freezing temperatures

Incompatible Materials: Oxidizing materials, strong acids

Hazardous Decomposition Products: Carbon monoxide and Carbon Dioxide,

XI TOXICOLOGICAL INFORMATION

Acute toxicity: no components found or no data available

Skin corrosion irritation: classified, category 2, sodium laureth sulfate, sodium dodecylbenzene sulfonate, causes skin irritation

Serious Eye damage: classified, category 2, sodium laureth sulfate, sodium dodecylbenzene sulfonate, causes serious eye irritation

Sensitization: Not classified,

Mutagenicity: Not classified,

Carcinogenicity: Not considered to be a carcinogen by IARC, ACGIH, NEP OR OSHA.

Reproductive Toxicity: No data available

Teratogenicity: No data available

Specific target Organ Toxicity (single exposure)

Not classified

Specific target Organ Toxicity (repeated exposure):

<u>Name</u>	<u>category</u>	<u>route of exposure</u>	<u>target organs</u>
Not classified			

Aspiration Hazard:

No Data

Information on the likely routes of exposure:**Ingestion:** May be harmful if swallowed.**Inhalation:** Not a likely route of exposure; however do not breathe mists.**Skin:** Concentrate could cause skin irritation.**Eye:** Causes serious eye irritation**Symptoms related to the physical, chemical and toxicological characteristics****Ingestion:** See section iv, most important symptoms and effects, acute and delayed.**Inhalation:** See section iv, most important symptoms and effects, acute and delayed.**Skin:** See section iv, most important symptoms and effects, acute and delayed.**Eye:** See section iv, most important symptoms and effects, acute and delayed.**Delayed and immediate effects and also chronic effects from short and long term exposure.**

General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis
 Carcinogenicity: no known significant effects or critical hazards. Not classifiable.

Numerical measures of Toxicity

Not Available

XII ECOLOGICAL INFORMATION**Toxicity:**

No data for finished product

Bioaccumulation Potential:

Expected to be readily biodegradable

Mobility in Soil:

Not expected to absorb on soil

Other adverse Effects:

No known significant effects or critical hazards

XIII DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable federal, state and local regulations.

XIV TRANSPORT INFORMATION

DOT: NOT REGULATED
IATA: NOT REGULATED
IMDG: NOT REGULATED

XV REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: All ingredients are listed or exempted with TSCA.

SARA 302/304: No products were found.

SARA 311/312: Acute=yes,

SARA 313: No products found

STATE REGULATIONS:

Ingredient	New York	New Jersey	Massachusetts	Pennsylvania
Sodium Sulfate 7757-82-6			yes	yes

California Prop 65: None known

XVI OTHER INFORMATION

HMIS RATING: HEALTH (1) FIRE (0) REACTIVITY (0)
4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT

NOTICE TO READER:

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