

ISSUE DATE: 1/15/2020

I PRODUCT AND COMPANY IDENTIFICATION

GHS PRODUCT IDENTIFIER:

TRADE NAME; CRYSTAL CLEAR

OTHER MEANS OF IDENTIFICATION:

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

RECOMMENDED USE: Concentrated Laundry Detergent

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

CATEGORY 2 (in concentrated form)

EYE IRRITANT

CATEGORY 1 (in concentrated form)

ENVIRONMENTAL:

AQUATIC ENVIRONMENT

CATEGORY 3 Acute /Chronic

LABEL ELEMENTS:

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

Causes serious eye damage

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. Immediately call a doctor/physician.

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
Alcohol c12-c16 ethoxylate	68551-12-2	PROPRIETARY
Sodium Dodecyl Benzenesulfonate	68081-81-2	PROPRIETARY
Nonylphenol ethoxylate	127087-87-0	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.

No ingredients above de minim is 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: pourable liquid, shampoo like viscosity

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, nonylphenol ethoxylate(127087-87-0),
alcohol ethoxylate(68551-12-2),
Sodium dodecylbenzene sulfonate(68081-81-2)
causes skin irritation**

**Serious Eye damage: classified, category 1, nonylphenol ethoxylate (127087-87-0),
causes serious eye damage**

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.

SAFETY DATA SHEET

TRADE NAME: CRYSTAL

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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.

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

SARA 302/304: No products were found above trace or de minimis levels

SARA 311/312: Acute-yes,

SARA 313: No products found above trace or de minimis levels

STATE REGULATIONS: None known above trace or de minimis levels

California Prop 65: None known above trace or de minimis levels

XVI OTHER INFORMATION

HMIS RATING: HEALTH (1) FIRE (0) REACTIVITY (0)

4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT

NOTICE TO READER:

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The information on this sds was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the sds. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.