

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: Low "E" Glass Wash

Other means of identification:

Product Code: N356-3366

Synonyms: None

Details of the supplier of the safety data sheet

Company Name : C.R. Laurence Co., Inc.
2503 E. Vernon Avenue
Los Angeles, CA 90058-1897
(800) 421-6144

CRL Cat. No.'s: **3379046 and 3379048**

Emergency telephone number CHEMTREC: 1-800-424-9300 (24/7)

Issue Date: 02-Aug-2019

Revision Date: 30-Jun-2018

Version: 1

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status: This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|-----------------------------------|----------------|
| Acute toxicity - Oral | Not classified |
| Acute toxicity - Dermal | Not classified |
| Skin corrosion/irritation | Category 3 |
| Serious eye damage/eye irritation | Category 1 |

Label elements

DANGER: Emergency Overview
Hazard statements: Causes mild skin irritation
Causes serious eye damage



Appearance: Clear Straw

Physical state: Liquid

Odor: Nil

Precautionary Statements - Prevention: Wear protective gloves/protective clothing/eye protection/face protection

2. HAZARDS IDENTIFICATION (CONT.)

Precautionary Statements - Response:

Specific Treatment (See Section 4 on the SDS)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician If skin irritation occurs: Get medical advice/attention
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell
 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting Drink plenty of water Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Disposal:

Disposal should be in accordance with applicable regional, national and local laws and regulations

Hazards not otherwise classified (HNOC) Other Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|------------------|-------------|----------|--------------|
| Surfactant Blend | Proprietary | 1-5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

Skin Contact: Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Inhalation: Remove to fresh air.

Ingestion: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms Any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No Information available.

Explosion data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Do not allow into any storm sewer drains, lakes, streams, ponds, estuaries, oceans or other surface water bodies. Should not be released into the environment. Dispose of according to all local city, state and federal rules and regulations.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------------------|-----------|------------------------------------|--------------------------|
| Tetrasodium Pyrophosphate 7722-88-5 | - | (vacated) TWA: 5 mg/m ³ | TWA: 5 mg/m ³ |

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir, 1992).

Appropriate engineering controls

Engineering Controls

Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear chemical resistant gloves.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|----------------|--------------------------|
| Physical state | Liquid |
| Appearance | Clear Straw |
| Color | Straw |
| Odor | Nil |
| Odor threshold | No Information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------|--------------------------|-------------------------|
| pH | 9.0 - 10.5 | |
| Specific Gravity | 1.011 | |
| Viscosity | < 25 cP @ 25°C | |
| Melting point/freezing point | No Information available | |
| Flash point | None | |
| Boiling point / boiling range | 100 °C / 212 °F Degrees | |
| Evaporation rate | No Information available | |
| Flammability (solid, gas) | No data available | |
| Flammability Limits in Air | | |

9. PHYSICAL AND CHEMICAL PROPERTIES (CONT.)

| | |
|----------------------------------|--------------------------|
| Upper flammability limit: | No Information available |
| Lower flammability limit: | No Information available |
| Vapor pressure | No Information available |
| Vapor density | No Information available |
| Water solubility | Complete |
| Partition coefficient | No Information available |
| Autoignition temperature | No Information available |
| Decomposition temperature | No Information available |
| <u>Other Information</u> | |

| | |
|------------------------|----------------|
| Density Lbs/Gal | 8.42 |
| VOC Content (%) | Not Applicable |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| <u>Reactivity</u> | No data available |
| <u>Chemical stability</u> | Stable under recommended storage conditions. |
| <u>Possibility of Hazardous Reactions</u> | None under normal processing. |
| <u>Conditions to avoid</u> | Extremes of temperature and direct sunlight. |
| <u>Incompatible materials</u> | None known based on information supplied. |
| <u>Hazardous Decomposition Products</u> | None known based on information supplied. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Inhalation | Avoid breathing vapors or mists. May cause irritation of respiratory tract. |
| Eye contact | Avoid contact with eyes. Causes severe eye damage. |
| Skin Contact | Avoid contact with skin. Causes mild skin irritation. |
| Ingestion | Do not taste or swallow. May cause gastro intestinal irritation. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------|----------------------|-------------------------|------------------------|
| Surfactant Blend | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | - |

Information on toxicological effects

| | |
|----------|---------------------------|
| Symptoms | No Information available. |
|----------|---------------------------|

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

| | |
|-------------------------------|----------------------------|
| Irritation | MAY CAUSE SKIN IRRITATION. |
| Sensitization | No Information available. |
| Germ cell mutagenicity | No Information available. |
| Carcinogenicity | No Information available. |
| Reproductive toxicity | No Information available. |
| STOT - single exposure | No Information available. |

STOT - repeated exposure No Information available.
Aspiration hazard No Information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 95,500.00
ATEmix (dermal) 59,683.00

12. ECOLOGICAL INFORMATION

1. 51% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|---|--|---|
| Surfactant Blend | - | >100: 96 h Brachydanio Rerio mg/L LC50 | >100: 48 h Daphnia Magna mg/L EC50 |
| Sodium Tripolyphosphate 7758-29-4 | - | 1650: 48 h Leuciscus idus mg/L LC50 | - |
| Methyl Chloro Isothiazolinone 26172-55-4 | 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.31: 120 h Anabaena flos-aquae mg/L EC50 | 1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static | 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static 4.71: 48 h Daphnia magna mg/L EC50 |
| Magnesium Chloride 7786-30-3 | 2200: 72 h Desmodesmus subspicatus mg/L EC50 | 1970 - 3880: 96 h Pimephales promelas mg/L LC50 static 4210: 96 h Gambusia affinis mg/L LC50 static | 140: 48 h Daphnia magna mg/L EC50 Static 1400: 24 h Daphnia magna mg/L EC50 |

Persistence and degradability No Information available.

Bioaccumulation No Information available.

Other adverse effects No Information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

| | |
|------------|---------------|
| DOT | Not regulated |
| TDG | Not regulated |

15. REGULATORY INFORMATION

International Inventories

| | |
|-----------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |

Legend:

| | |
|-------------------|---|
| TSCA - | United States Toxic Substances Control Act Section 8(b) Inventory |
| DSL/NDSL - | Canadian Domestic Substances List/Non-Domestic Substances List |

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product has been evaluated and does not require warning labeling under California Proposition 65.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------------|------------|---------------|--------------|
| Sodium Trimetaphosphate 7785-84-4 | - | X | X |
| Magnesium Nitrate 10377-60-3 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number
Not Applicable

16. OTHER INFORMATION**NFPA**

Health hazards 1
Flammability 0
Instability 0

Physical and Chemical Properties -**HMIS**

Health hazards 1
Flammability 0
Physical hazards 0
Personal protection B

Issue Date 02-Aug-2019
Revision Date 20-Jun-2018
Revision Note No Information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.