

## Section 1 Identification

Page E1 of E2

**INNOVATING SCIENCE**® by Aldon  
 221 Rochester Street  
 Avon, NY 14414-9409  
 (585) 226-6177

**CHEMTREC 24 Hour Emergency  
 Phone Number (800) 424-9300**  
 For laboratory and industrial use only.  
 Not for drug, food or household use.

|                |                                      |
|----------------|--------------------------------------|
| <b>Product</b> | <b>CALCIUM CHLORIDE, 5% SOLUTION</b> |
|----------------|--------------------------------------|

|                 |                                    |
|-----------------|------------------------------------|
| <b>Synonyms</b> | Calcium Chloride, Aqueous Solution |
|-----------------|------------------------------------|

## Section 2 Hazards identification

**Signal word:** WARNING**Pictograms:** No symbol required**Target organs:** None known**GHS Classification:**

Eye irritation (Category 2B)

**GHS Label information: Hazard statement:**

H320: Causes eye irritation.

**Precautionary statement:**

P264: Wash hands thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical attention.

**Hazards not otherwise classified:**

Health hazards not otherwise classified (HHNOC) - Not Known

Physical hazards not otherwise classified (PHNOC) - Not Known

## Section 3 Composition / information on ingredients

| Chemical Name    | CAS #      | %   | EINECS    |
|------------------|------------|-----|-----------|
| Water            | 7732-18-5  | 95% | 231-791-2 |
| Calcium chloride | 10043-52-4 | 5%  | 233-140-8 |

## Section 4 First aid measures

**INGESTION:** MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**EYE CONTACT:** CAUSES EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN ABSORPTION:** MAY CAUSE IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

## Section 5 Fire fighting measures

**Suitable Extinguishing Media:** Use any media suitable for extinguishing supporting fire.

**Protective Actions for Fire-fighters:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

**Specific Hazards:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## Section 6 Accidental release measures

**Personal Precautions:** Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

**Environmental Precautions:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Containment and Cleanup:** Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.



## Section 1 Identification

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|                 |   |
|-----------------|---|
| <b>Product</b>  | <b>DISH DETERGENT, YELLOW</b>   |
| <b>Synonyms</b> | Dishwashing Liquid, Yellow / Dishwashing Detergent-Hand / Detergent, Liquid |

## Section 2 Hazards identification

**This substance or mixture has not been classified as hazardous according to the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals.**

**Signal word:** None required  
**Pictograms:** No symbol required  
**Target organs:** None known

**GHS Classification:** None required  
**GHS Label information: Hazard statement:** None required  
**Precautionary statement:** None required

**Supplemental information:**

Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell.

**Hazards not otherwise classified:**

Health hazards not otherwise classified (HHNOC) - Not Known  
 Physical hazards not otherwise classified (PHNOC) - Not Known

## Section 3 Composition / information on ingredients

| Chemical Name                      | CAS #         | %       | EINECS        |
|------------------------------------|---------------|---------|---------------|
| Biodegradable anionic surfactants* | Not available | Balance | Not available |
| Ethyl alcohol                      | 64-17-5       | 0.1-1%  | 200-578-6     |
| *(Contains no phosphates)          |               |         |               |

## Section 4 First aid measures

**INGESTION:** Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**EYE CONTACT:** CAUSES IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN ABSORPTION:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

## Section 5 Fire fighting measures

**Suitable Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire.

**Protective Actions for Fire-fighters:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

**Specific Hazards:** There are no unusual fire and explosion hazards associated with the solution.

## Section 6 Accidental release measures

**Personal Precautions:** Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

**Environmental Precautions:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Containment and Cleanup:** Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Spill area may be slippery. Flush with plenty of water.

**Precautions for Safe Handling:** Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

**Conditions for Safe Storage:** Store in a cool, well-ventilated area.

## Section 8 Exposure controls / personal protection

| Exposure Limits: | Chemical Name | ACGIH (TLV)      | OSHA (PEL)       | NIOSH (REL)      |
|------------------|---------------|------------------|------------------|------------------|
|                  | Not listed    | None established | None established | None established |

**Engineering controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

**Respiratory protection:** None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

## Section 9 Physical and chemical properties

|   |  |  |
|---|--|--|
| <b>Appearance:</b> Liquid. Pale yellow.                     | <b>Evaporation rate ( = 1):</b> Data not available         | <b>Partition coefficient:</b> Data not available               |
| <b>Odor:</b> Slight citrus odor.                            | <b>Flammability (solid/gas):</b> Data not available.       | <b>Auto-ignition temperature:</b> Data not available           |
| <b>Odor threshold:</b> Data not available.                  | <b>Explosion limits: Lower / Upper:</b> Data not available | <b>Decomposition temperature:</b> Data not available.          |
| <b>pH:</b> Data not available.                              | <b>Vapor pressure (mm Hg):</b> Data not available          | <b>Viscosity:</b> Data not available.                          |
| <b>Melting / Freezing point:</b> Approximately 30°F (1.1°C) | <b>Vapor density (Air = 1):</b> Data not available         | <b>Molecular formula:</b> Mixture                              |
| <b>Boiling point:</b> Data not available                    | <b>Relative density (Specific gravity):</b> ca. 1          | <b>Molecular weight:</b> Mixture                               |
| <b>Flash point:</b> 115-135°F PMCC *                        | <b>Solubility(ies):</b> Complete in water.                 | *Detergent does not sustain combustion according to ASTM D4206 |

## Section 10 Stability and reactivity

**Chemical stability:** Stable **Hazardous polymerization:** Will not occur.

**Conditions to avoid:** None known.

**Incompatible materials:** None known.

**Hazardous decomposition products:** None known.

## Section 11 Toxicological information

**Acute toxicity:** Oral-rat LD50: 7060 mg/kg (Ethyl alcohol)

**Skin corrosion/irritation:** Data not available

**Serious eye damage/irritation:** Data not available

**Respiratory or skin sensitization:** Data not available

**Germ cell mutagenicity:** Data not available

**Carcinogenicity:** Data not available

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

**Reproductive toxicity:** Data not available

**STOT-single exposure:** Data not available

**STOT-repeated exposure:** Data not available

**Aspiration hazard:** Data not available

**Potential health effects:**

Inhalation: No adverse effects expected.

Ingestion: Ingestion may cause transient gastrointestinal irritation resulting in nausea, vomiting, and/or diarrhea.

Skin: May cause irritation and/or dryness with prolonged or repeated contact.

Eyes: Causes irritation on direct contact, but no permanent injury is expected.

**Signs and symptoms of exposure:** To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

**Additional information: RTECS #:** Data not available

## Section 12 Ecological information

**Toxicity to fish:** No data available

**Toxicity to daphnia and other aquatic invertebrates:** No data available

**Toxicity to algae:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT and vPvB assessment:** No data available

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## Section 13 Disposal considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

## Section 14 Transport information

**UN/NA number:** Not applicable

**Shipping name:** Not Regulated

**Hazard class:** Not applicable

**Packing group:** Not applicable

**Reportable Quantity:** No

**Marine pollutant:** No

**Exceptions:** Not applicable

**2020 ERG Guide #:** Not applicable

## Section 15 Regulatory information

A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list.

| Component    | TSCA   | CERLCA (RQ) | RCRA code | DSL    | NDSL       | CA Prop 65   |
|--------------|--------|-------------|-----------|--------|------------|--|
| Ethanol, <1% | Listed | Not listed  | D001      | Listed | Not listed | This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity. |

## Section 16 Other information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.

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|                |  |
|----------------|--|
| <b>Product</b> | <b>DISHWASHING DETERGENT - MACHINE</b> |
|----------------|--|

|                 |                                       |
|-----------------|---------------------------------------|
| <b>Synonyms</b> | Dishwashing Detergent, Phosphate Free |
|-----------------|---------------------------------------|

## Section 2 Hazards identification

Signal word: WARNING

Pictograms: GHS07

Target organs: None known

**GHS Classification:**

Skin irritation (Category 2)

Eye irritation (Category 2B)

**GHS Label information: Hazard statement:**

H315: Causes skin irritation.

H320: Causes eye irritation.

**Precautionary statement:**

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water and soap.

P332+P313: If skin irritation occurs: Get medical attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical attention.

**Supplemental information:**

Dangerous fumes form when mixed with other products. Do not breathe fumes.

**Hazards not otherwise classified:**

Health hazards not otherwise classified (HHNOC) - Not Known

Physical hazards not otherwise classified (PHNOC) - Not Known

## Section 3 Composition / information on ingredients

| Chemical Name             | CAS #     | %        | EINECS    |
|---------------------------|-----------|----------|-----------|
| Non-hazardous ingredients | Mixture   | Balance  | Mixture   |
| Sodium silicate           | 1344-09-8 | 7-13%    | 215-687-4 |
| Sodium carbonate          | 497-19-8  | 3-7%     | 207-838-8 |
| Sodium hypochlorite       | 7681-52-9 | 0.5-1.5% | 231-668-3 |
| Sodium hydroxide          | 1310-73-2 | 0.5-1.5% | 215-185-5 |

## Section 4 First aid measures

**INGESTION:** HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**EYE CONTACT:** CAUSES EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN ABSORPTION:** CAUSES SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

## Section 5 Fire fighting measures

**Suitable Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire.

**Protective Actions for Fire-fighters:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

**Specific Hazards:** Contact with aluminum or iron-containing compounds may release hydrogen gas.

## Section 6 Accidental release measures

**Personal Precautions:** Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

**Environmental Precautions:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Containment and Cleanup:** Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Spill area may be slippery. Flush with plenty of water.

**Precautions for Safe Handling:** Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

**Conditions for Safe Storage:** Store in a cool, well-ventilated area.

## Section 8 Exposure controls / personal protection

| Exposure Limits: | Chemical Name    | ACGIH (TLV)                 | OSHA (PEL)               | NIOSH (REL)                 |
|------------------|------------------|-----------------------------|--------------------------|-----------------------------|
|                  | Sodium hydroxide | STEL: C 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> | STEL: C 2 mg/m <sup>3</sup> |

**Engineering controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

**Respiratory protection:** None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

## Section 9 Physical and chemical properties

|  |   |   |
|--|---|---|
| <b>Appearance:</b> Liquid. Clear to slightly cloudy.<br><b>Odor:</b> Perfumed odor.<br><b>Odor threshold:</b> Data not available.<br><b>pH:</b> Data not available.<br><b>Melting / Freezing point:</b> Data not available<br><b>Boiling point:</b> Data not available<br><b>Flash point:</b> >200°F (>93°) PMCC | <b>Evaporation rate ( Water = 1):</b> Data not available<br><b>Flammability (solid/gas):</b> Data not available.<br><b>Explosion limits: Lower / Upper:</b> Data not available<br><b>Vapor pressure (mm Hg):</b> Data not available<br><b>Vapor density (Air = 1):</b> Data not available<br><b>Relative density (Specific gravity):</b> 1.21-1.35 g/ml<br><b>Solubility(ies):</b> Complete in water. | <b>Partition coefficient:</b> Data not available<br><b>Auto-ignition temperature:</b> Data not available<br><b>Decomposition temperature:</b> Data not available.<br><b>Viscosity:</b> Data not available.<br><b>Molecular formula:</b> Mixture<br><b>Molecular weight:</b> Mixture |
|--|---|---|

## Section 10 Stability and reactivity

**Chemical stability:** Stable

**Hazardous polymerization:** Will not occur.

**Conditions to avoid:** Acids and ammonia. Contact with aluminum or iron-containing compounds may release hydrogen gas.

**Incompatible materials:** Acids, ammonia, aluminum and iron-containing compounds.

**Hazardous decomposition products:** Dangerous hypochlorite acid and irritating chloramine gas are released.

## Section 11 Toxicological information

**Acute toxicity:** Estimated acute oral-rat LD50: >2000 g/kg

**Skin corrosion/irritation:** Data not available

**Serious eye damage/irritation:** Data not available

**Respiratory or skin sensitization:** Data not available

**Germ cell mutagenicity:** Data not available

**Carcinogenicity:** Data not available

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

**Reproductive toxicity:** Data not available

**STOT-single exposure:** Data not available

**STOT-repeated exposure:** Data not available

**Aspiration hazard:** Data not available

**Potential health effects:**

Inhalation: No adverse effects expected.

Ingestion: Harmful if swallowed or put in mouth. Esophageal irritation possible with exposure to more than one mouthful. Do not induce emesis or further irritation may result from re-exposure. Irritation of the mouth and gastrointestinal tract, with nausea, vomiting, and diarrhea. Substantial ingestions may produce hematemesis and possibly moderate to severe gastrointestinal irritation.

Skin: May result in transient skin irritation (redness, swelling) upon prolonged contact with undiluted material.

Eyes: Contact may cause irritation with symptoms of stinging, tearing, itching, swelling, and/or redness of the eyes.

**Signs and symptoms of exposure:** To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

**Additional information: RTECS #:** Data not available

## Section 12 Ecological information

**Toxicity to fish:** No data available

**Toxicity to daphnia and other aquatic invertebrates:** No data available

**Toxicity to algae:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT and vPvB assessment:** No data available

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## Section 13 Disposal considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

## Section 14 Transport information

**UN/NA number:** Not applicable

**Shipping name:** Not Regulated

**Hazard class:** Not applicable

**Packing group:** Not applicable

**Reportable Quantity:** No

**Marine pollutant:** No

**Exceptions:** Not applicable

**2020 ERG Guide #:** Not applicable

## Section 15 Regulatory information

A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list.

| Component               | TSCA   | CERLCA (RQ)        | RCRA code  | DSL    | NDSL       | CA Prop 65   |
|-------------------------|--------|--------------------|------------|--------|------------|--|
| Sodium hydroxide        | Listed | 1,000 lbs (454 kg) | D002       | Listed | Not listed | This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity. |
| Sodium hypochlorite, 4% | Listed | 100 lbs (45.4 kg)  | Not listed | Listed | Not listed |  |

## Section 16 Other information

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook.



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|----------------|--------------|
| <b>Product</b> | SOAP, LIQUID |
|----------------|--------------|

|                 |             |
|-----------------|-------------|
| <b>Synonyms</b> | Liquid Soap |
|-----------------|-------------|

## Section 2 Hazards identification

**Signal word:** WARNING**Pictograms:** No symbol required**Target organs:** Eyes, Skin**GHS Classification:**

Skin irritation (Category 3)

Eye irritation (Category 2B)

**GHS Label information: Hazard statement:**

H316: Causes mild skin irritation.

H320: Causes eye irritation.

**Precautionary statement:**

P264: Wash hands thoroughly after handling.

P332+P313: If skin irritation occurs: Get medical attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical attention.

**Hazards not otherwise classified:**

Health hazards not otherwise classified (HHNOC) - Not Known

Physical hazards not otherwise classified (PHNOC) - Not Known

## Section 3 Composition / information on ingredients

| Chemical Name    | CAS #     | %     | EINECS    |
|------------------|-----------|-------|-----------|
| Water            | 7732-18-5 | 97.6% | 231-791-2 |
| Oleic acid       | 112-80-1  | 2.0%  | 204-007-1 |
| Sodium hydroxide | 1310-73-2 | 0.4%  | 215-185-5 |

## Section 4 First aid measures

**INGESTION:** MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**EYE CONTACT:** CAUSES IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN ABSORPTION:** CAUSES IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

## Section 5 Fire fighting measures

**Suitable Extinguishing Media:** Dry chemical, water spray, alcohol foam. Can react with carbon dioxide to form sodium carbonate.

**Protective Actions for Fire-fighters:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

**Specific Hazards:** In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume. Contact with metals can generate hydrogen gas.

## Section 6 Accidental release measures

**Personal Precautions:** Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

**Environmental Precautions:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Containment and Cleanup:** Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.





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|----------------|---------------|
| <b>Product</b> | VEGETABLE OIL |
|----------------|---------------|

|                 |             |
|-----------------|-------------|
| <b>Synonyms</b> | Soybean Oil |
|-----------------|-------------|

## Section 2 Hazards identification

This substance or mixture has not been classified at this time according to the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals.

**Signal word:** Not applicable  
**Pictograms:** Not applicable  
**Target organs:** None known.

**GHS Classification:**  
 Not applicable

**GHS Label information: Hazard statement(s):**  
 Not applicable

**Precautionary statement(s):**

Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell.

**Hazards not otherwise classified:**

Health hazards not otherwise classified (HHNOC) - Not Known  
 Physical hazards not otherwise classified (PHNOC) - Not Known

## Section 3 Composition / information on ingredients

| Chemical Name | CAS #     | %    | EINECS    |
|---------------|-----------|------|-----------|
| Vegetable oil | 8001-22-7 | 100% | 232-274-4 |

## Section 4 First aid measures

**INGESTION:** Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**EYE CONTACT:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN ABSORPTION:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

## Section 5 Fire fighting measures

**Suitable Extinguishing Media:** DO NOT USE WATER. Carbon dioxide, dry chemical, dry sand, alcohol foam.

**Protective Actions for Fire-fighters:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

**Specific Hazards:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## Section 6 Accidental release measures

**Personal Precautions:** Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

**Environmental Precautions:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Containment and Cleanup:** Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

