

Safety Data Sheet

Trade name: Harmless

1 Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

• **Trade name:** Harmless #10230400, #2442729

• **Article number:** GL49

• **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

• **Application of the substance / the preparation** All-Purpose Cleaner

Product dilution information: 2 oz. (59 mL) per 32 oz. (1 L) of water for spray-and-wipe cleaning.
2 oz. (59 mL) per 1-2 gal. (4-8 L) of water for scrubbing.
2 oz. (59 mL) per 2-4 gal. (8-15 L) of water for damp mopping.
2 oz. (59 mL) per 5 gal. (19 L) of water for damp mopping.

• **1.3 Details of the supplier of the Safety Data Sheet**

• **Manufacturer/Supplier:**

Direct In Supply
1410 Pines Road
Oregon, Illinois 61061
Phone: 815-732-4708
Website: www.directinsupply.com

• **1.4 Emergency telephone number:**

ChemTel Inc.
(800)255-3924

2 Hazards identification

• **2.1 Classification of the substance or mixture**

• **Classification according to Regulation (EC) No 1272/2008**

Not classified.

• **Classification system:**

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature and by information provided by the company.

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| • 2.2 Label elements | |
|---|---|
| Product as SOLD | Product at USE DILUTION |
| • Labeling according to Regulation (EC) No 1272/2008 | |
| The product is classified and labeled according to the CLP regulation. | The mixture does not meet the criteria for classification. |
| • Hazard pictograms | |
| None | None |
| • Signal word | |
| None | None |
| • Hazard statements | |
| The mixture does not meet the criteria for classification. | The mixture does not meet the criteria for classification. |
| • Precautionary statements | |
| Keep out of reach of children. Avoid contact with eyes. Wash hands after handling. Dispose of contents/container in accordance with all local regulations. | Keep out of reach of children. Avoid contact with eyes. Rinse hands after handling. Dispose of solution down the drain to municipal sewer. |
| • Additional information: | |
| Prolonged or repeated contact may dry skin and cause irritation. | |

3 Composition/information on ingredients

• 3.2 Mixtures

• **Description:** Mixture of substances listed below with nonhazardous additions.

| • Dangerous components: | | |
|-------------------------|--|-----|
| CAS: Proprietary | Proprietary Surfactant  Eye Dam. Eye Irrit. 2B | <1% |

• **Additional information:** For the wording of the listed risk phrases refer to section 16.

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4 First-aid measures**• 4.1 Description of first aid measures**

| Product as SOLD | Product at USE DILUTION |
|--|---|
| <ul style="list-style-type: none"> • After inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop. • After skin contact: If irritation occurs, flush exposed area with water. Get medical attention if irritation develops and persists. • After eye contact: Rinse with water. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. • After swallowing: Rinse mouth. DO NOT INDUCE VOMITING. If ingestion of large amount does occur, call a poison control center immediately. | <p>No special measures required. Treat symptomatically.</p> <p>No known effect after skin contact.</p> <p>No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.</p> <p>Get medical attention if symptoms occur.</p> |
| <ul style="list-style-type: none"> • 4.2 Most important symptoms and effects both acute and delayed Direct contact with eyes may cause temporary irritation. | |
| <ul style="list-style-type: none"> • Hazards No further relevant information available. | No known effects. |
| <ul style="list-style-type: none"> • 4.3 Indication of any immediate medical attention and special treatment needed | |
| Treat symptomatically. | Treat symptomatically. |

5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Treat for surrounding material.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
During fire, gases hazardous to health may be formed.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** No further relevant information available.

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6 Accidental release measures**• 6.1 Personal precautions, protective equipment and emergency procedures**

| Product as SOLD | Product at USE DILUTION |
|---|--|
| Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. | Use personal protective equipment as required. Avoid contact of large amounts of spilled material and run off with soil and surface waterways. Use a water rinse for final clean-up. |

• 6.2 Environmental precautions:

| | |
|--|---|
| Avoid discharge into storm water drains, water courses or onto the ground. | Avoid discharge into storm water drains, water courses, or onto the ground. |
|--|---|

• 6.3 Methods and material for containment and cleaning up:

| | |
|---|--|
| This product is miscible in water. Stop the flow of material, if this is without risk. Large Spills: Dike the soiled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly. Never return spills to original containers for re-use. | Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material. |
|---|--|

• 6.4 Reference to other sections

| | |
|--|--|
| See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. | See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. |
|--|--|

7 Handling and storage**• 7.1 Precautions for safe handling**

| Product as SOLD | Product at USE DILUTION |
|---|---------------------------------------|
| Use care in handling/storage. | Wash hands thoroughly after handling. |
| • Information about fire - and explosion protection: | |
| No special measures required. | No precautions necessary. |

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• 7.2 Conditions for safe storage, including any incompatibilities**• Storage:****• Requirements to be met by storerooms and receptacles:**

| Product as SOLD | Product at USE DILUTION |
|--------------------------------|--------------------------------|
| Keep out of reach of children. | Keep out of reach of children. |

• Information about storage in one common storage facility:

| | |
|-----------------------------|-----------------------------|
| Store away from foodstuffs. | Store away from foodstuffs. |
|-----------------------------|-----------------------------|

• Further information about storage conditions:

| | |
|--|-----------------------------------|
| Store in original tightly closed container. Store away from incompatible materials. | No storage precautions necessary. |
|--|-----------------------------------|

• 7.3 Specific end use(s)

| |
|--|
| No further relevant information available. |
|--|

8 Exposure controls/personal protection**• Additional information about design of technical facilities:** No further data; see item 7.

| Product as SOLD | Product at USE DILUTION |
|-----------------|-------------------------|
|-----------------|-------------------------|

• 8.1 Control parameters**• Ingredients with limit values that require monitoring at the workplace:**

| | |
|--|----------------|
| The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. • DNELs No further relevant information available. • PNECs No further relevant information available. • Additional information: The lists valid during the making were used as basis. | Not applicable |
|--|----------------|

• 8.2 Exposure controls**• Personal protective equipment:****• General protective and hygienic measures:**

| | |
|---|---|
| The usual precautionary measures are to be adhered to when handling chemicals. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. | The usual precautionary measures are to be adhered to when handling chemicals. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |
|---|---|

• Respiratory protection:



| | |
|---|---|
| No personal respiratory protective equipment normally required. | No personal respiratory protective equipment normally required. |
|---|---|

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| Product as SOLD | | Product at USE DILUTION |
|--|--|-------------------------|
| • Protection of hands: | | |
|  Protective gloves Not normally needed. | No protective equipment is needed under normal conditions. | |
| • Material of gloves | | |
| The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. | No protective equipment is needed under normal conditions. | |
| • Penetration time of glove material | | |
| The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. | No protective equipment is needed under normal conditions. | |
| • For the permanent contact gloves made of the following materials are suitable: Rubber gloves | | |
| • Eye protection: | | |
|  Safety glasses Wear protective eyewear if contact is possible. | Wear protective eyewear if contact is possible. | |
| • Body protection: | | |
| Not required under normal conditions of use. Protection may be required for spills. | No protective equipment is needed under normal conditions. | |
| • Limitation and supervision of exposure into the environment | | |
| No further relevant information available. | No further relevant information available. | |
| • Risk management measures | | |

9 Physical and chemical properties

| | Product as SOLD | Product at USE DILUTION |
|--|-----------------|----------------------------|
| • 9.1 Information on basic physical and chemical properties | | |
| • General Information | | |
| • Appearance: | | |
| Form: | Liquid | Liquid |
| Color: | Dark Purple | Light purple or colorless. |
| • Odor: | Lavender scent | Lavender scent |
| • Odor threshold: | Not available. | Not available. |

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| | Product as SOLD | Product at USE DILUTION |
|--|---|---|
| • pH-value at 25 °C: | 8.3-9.3 | 7.0 - 8.0 |
| • Change in condition | | |
| Melting point/Melting range: | Not available. | Not available. |
| Boiling point/Boiling range: | 212 °F / 100 °C | 212 °F / 100 °C |
| • Flash point: | Closed cup: >93.333°C (>200°F) [Pensky-Martens.] | Closed cup: >93.333°C (>200°F) [Pensky-Martens.] |
| • Flammability (solid, gaseous): | Not applicable. | Not applicable. |
| • Ignition temperature: | Not determined. | Not determined. |
| • Decomposition temperature: | Not determined. | Not determined. |
| • Self-igniting: | Product is not self-igniting. | Product is not self-igniting. |
| • Danger of explosion: | Product does not present an explosion hazard. | Product does not present an explosion hazard. |
| • Explosion limits: | | |
| Lower: | Not available. | Not available. |
| Upper: | Not available. | Not available. |
| • Vapor pressure at 20 °C: | <0.013 kPa (<0.1 mm Hg) | <0.013 kPa (<0.1 mm Hg) |
| • Density at 20 °C: | Not available. | Not available. |
| • Relative density | 1.012 | 1.00 |
| • Vapor density | Not available. | Not available. |
| • Evaporation rate | Not available. | Not available. |
| • Solubility in / Miscibility with water: | Fully miscible. | Complete |
| • Partition coefficient (n-octanol/water): | Not available. | Not available. |
| • Viscosity: | | |
| Dynamic: | <100 mPas(<100 cP) | <100 mPas(<100 cP) |
| Kinematic: | Not available. | Not available. |
| • 9.2 Other information | Bulk density: 8.445 lbs/gallon | Bulk density: 8.35 lbs/gallon |

10 Stability and reactivity

Product as SOLD

- **10.1 Reactivity** None known.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Material is stable under normal conditions.
- **10.3 Possibility of hazardous reactions**
No dangerous reaction known under conditions of normal use.
- **10.4 Conditions to avoid** Do not mix with other chemicals. Keep from freezing.
- **10.5 Incompatible materials:** Strong oxidizing agents.
- **10.6 Hazardous decomposition products:**
No hazardous decomposition products are known.

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11 Toxicological information**• 11.1 Information on toxicological effects**

| Product as SOLD | Product at USE DILUTION |
|---|---|
| • Acute toxicity: Calculated Oral LD50 9,794 mg/kg | Non-toxic at use-dilution. |
| • Primary irritant effect: | |
| • on the skin: Prolonged skin contact may cause temporary irritation. | No known significant effects or critical hazards. |
| • on the eye: Direct contact with eyes may cause temporary irritation. | No known significant effects or critical hazards. |
| • Sensitization: Direct contact with eyes may cause temporary irritation. | No known significant effects or critical hazards. |
| • Additional toxicological information: | |
| The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: This product has no known adverse effect on human health. | |

12 Ecological information**Product as SOLD**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
After neutralization a reduction of the harming action may be recognized.
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
- **Additional ecological information:**
- **General notes:**
This statement was deduced from the properties of the single components.
Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations**• 13.1 Waste treatment methods**

| Product as SOLD | Product at USE DILUTION |
|--|---|
| • Recommendation | |
| Collect and reclaim or dispose in sealed container at licensed waste disposal. | Diluted product can be flushed to sanitary sewer. Discard empty container in trash. |

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| • Uncleaned packaging: | |
|---|---|
| Product as SOLD | Product at USE DILUTION |
| <ul style="list-style-type: none"> • Recommendation: Disposal must be made according to official regulations. • Recommended cleansing agents: Water, if necessary together with cleansing agents. | Diluted product can be flushed to sanitary sewer. Discard empty container in trash. |

14 Transport information

| Product as SOLD | |
|---|----------------------------------|
| <ul style="list-style-type: none"> • 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA | Not regulated. |
| <ul style="list-style-type: none"> • 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA | Cleaning Compounds, NOI, liquid. |
| <ul style="list-style-type: none"> • 14.3 Transport hazard class(es) • DOT, ADR, ADN, IMDG, IATA • Class | N/A |
| <ul style="list-style-type: none"> • 14.4 Packing group • DOT, ADR, IMDG, IATA | N/A |
| <ul style="list-style-type: none"> • 14.5 Environmental hazards: • Marine pollutant: | No. |
| <ul style="list-style-type: none"> • 14.6 Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> • 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> • UN "Model Regulation": | Cleaning Compounds, NOI, liquid. |
| Product at USE DILUTION Not intended for transport. | |

15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

| Product as SOLD | Product at USE DILUTION |
|---|------------------------------------|
| • Section 355 (extremely hazardous substances): | |
| None of the ingredients is listed. | Not applicable. |
| • Section 313 (Specific toxic chemical listings): | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • TSCA (Toxic Substances Control Act): | |
| All ingredients are listed. | All ingredients are listed. |

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| Product as SOLD | Product at USE DILUTION |
|---|------------------------------------|
| • Proposition 65 (California): | |
| • Chemicals known to cause cancer: | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • Chemicals known to cause reproductive toxicity for females: | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • Chemicals known to cause reproductive toxicity for males: | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • Chemicals known to cause developmental toxicity: | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • Carcinogenic Categories | |
| • EPA (Environmental Protection Agency) | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • IARC (International Agency for Research on Cancer) | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • TLV (Threshold Limit Value established by ACGIH) | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • NIOSH-Ca (National Institute for Occupational Safety and Health) | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • OSHA-Ca (Occupational Safety & Health Administration) | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • Canada | |
| • Canadian Domestic Substances List (DSL) | |
| All ingredients are listed. | All ingredients are listed. |
| • Canadian Ingredient Disclosure list (limit 0.1%) | |
| None of the ingredients is listed. | None of the ingredients is listed. |
| • Canadian Ingredient Disclosure list (limit 1%) | |
| None of the ingredients is listed. | None of the ingredients is listed. |

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Relevant phrases

SDS File Name: GL49-Direct In Supply HARMLESS-SDS

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)

• Sources

SDS Prepared by:
JBE/CML
Revision: 03/06/19