

Safety Data Sheet
 according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and
 GHS HCS 2012

Trade name: Concept "915"

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

- 1.1 Product identifier
- Trade name: **Concept "915"** #2308589
- Article number: GL55
- 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 Basic Floor Cleaner. Removes Ice Melt Residue.

Product dilution information: 5 fl. oz. (147.85 mL) per 3-5 gallons of water.

• 1.3 Details of the supplier of the Safety Data Sheet




Stearns Packaging Corporation
 4200 Sycamore Avenue (53714)
 PO Box 3216
 Madison, WI 53704-0216
 Phone: 800-655-5008
 Email: stearns@stearnspkg.com
 Website: www.stearnspkg.com

• 1.4 Emergency telephone number:

ChemTel Inc.
 (800)255-3924, +1 (813)248-0585

2 Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008

| Product as SOLD | Product at USE DILUTION |
|--|--|
|  GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage. | Not classified. Not classified. |
|  GHS08 Health Hazard STOT RE. 2 H373 Causes damage to organs through prolonged or repeated exposure. | |
|  GHS07 Acute toxicity, inhalation 4 H332 Harmful if inhaled. | |

• Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

The mixture does not meet the criteria for classification.

• 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

• Labeling according to Regulation (EC) No 1272/2008

Product as SOLD

The product is classified and labeled according to the CLP regulation.

Product at USE DILUTION

The mixture does not meet the criteria for classification.

• Hazard pictograms



GHS05



GHS08



GHS07

None

• Signal word Danger

No signal word.

• Hazard-determining components of labelling:

tetrasodium ethylenediaminetetraacetate

Not applicable.

• Hazard statements

H318 Causes serious eye damage.
H332 Harmful if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.

Avoid contact with eyes.

• Precautionary statements

P280 Wear eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P260 Do not breathe mist.
P271 Use only outdoors or in a well-ventilated area.
P314 Get medical advice/attention if you feel unwell.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P501 Dispose of contents/container in accordance with local regulations.

Keep out of reach of children.

3 Composition/information on ingredients

• 3.2 Mixtures

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

• Dangerous components:

CAS: 64-02-8

EINECS: 200-573-9

Index number: 607-428-00-2

tetrasodium ethylenediaminetetraacetate

<25%



Eye Dam. 1, H318, Corrosive to metals. 1, H290



STOT RE. 2, H373



Acute Tox. Inhal. 4, H332

• 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"> • General Information: Immediately remove any clothing soiled by the product. Wash contaminated clothing before reuse. | No special measures required. |
| <ul style="list-style-type: none"> • After inhalation: Supply fresh air; consult doctor in case of complaints. | No special measures required. Treat symptomatically. |
| <ul style="list-style-type: none"> • After skin contact: If skin irritation occurs, rinse with water for a few minutes. Seek immediate medical attention if irritation persists. | No known effect after skin contact. Rinse with water for a few minutes. |
| <ul style="list-style-type: none"> • After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. Then consult a doctor. | No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention. |
| <ul style="list-style-type: none"> • After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. | Get medical attention if symptoms occur. |
| <ul style="list-style-type: none"> • 4.2 Most important symptoms and effects, both acute and delayed Caustic effect on eyes. Cramp Gastric or intestinal disorders. | No known effects. |
| <ul style="list-style-type: none"> • Hazards Danger of severe eye injury. | 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:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **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**

Wear eye protection. Ensure adequate ventilation.

Product at USE DILUTION

Use personal protective equipment as required.

• 6.2 Environmental precautions:

No special measures required.

Avoid contact of large amounts of spilled material and run off with soil and surface waterways.

• 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Send for recovery or disposal in suitable receptacles.
 Dispose contaminated material as waste according to item 13.
 Clean the affected area carefully; suitable cleaners are:
 Warm water.

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**

Prevent formation of aerosols.
 Avoid splashes or spray in enclosed areas.

Product at USE DILUTION

No special measures required.

• Information about fire - and explosion protection:

No special measures required.

No special measures required.

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

Avoid storage near extreme heat, ignition sources or open flame.

Keep out of reach of children.

• Information about storage in one common storage facility:

Store away from foodstuffs.
 Store away from oxidizing agents.
 Do not store together with acids.

No storage precautions necessary.

• Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.
 Protect from freezing.

No storage precautions necessary.

• 7.3 Specific end use(s) No further relevant information available.

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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:

OCCUPATIONAL EXPOSURE LIMITS:

COMPONENT (CAS NUMBER): SODIUM HYDROXIDE (1310-73-2)

ACGIH 2mg/m3 Ceiling

OSHA 2mg/m3 TWA

• 8.2 Exposure controls

• Personal protective equipment:

• General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.
 Do not inhale gases / fumes / aerosols.
 Clean skin thoroughly immediately after handling the product.

Not required under normal conditions of use.

• Respiratory protection:

Not required under normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. For spills, respiratory protection may be advisable.

A respirator is not required under normal and intended conditions of use.

• Protection of hands:

No protective equipment is needed under normal conditions.

No protective equipment is needed under normal conditions.

• Eye protection:

Contact lenses should not be worn without eye protection.



Safety glasses

No protective equipment is needed under normal conditions.

• Body protection:

No protective equipment is needed under normal conditions.

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

See Section 7 for additional information.
 No further relevant information available.

See Section 7 for additional information.
 No further relevant information available.

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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: | Green | Faint green |
| • Odor: | Sassafras | Faint Sassafras |
| • Odor threshold: | Not determined. | Not determined. |
| • pH-value at 20 °C: | 12.0-12.7 | 9.0-10.0 |
| • Change in condition | | |
| Melting point/Melting range: | Undetermined. | Not applicable. |
| Boiling point/Boiling range: | Undetermined. | 100° C / 212° F |
| • Flash point: | Not applicable. | Not determined. |
| • Flammability (solid, gaseous): | Not determined. | Not applicable. |
| • Ignition temperature: | Not determined. | Not applicable. |
| • 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 determined. | Not determined. |
| Upper: | Not determined. | Not determined. |
| • Vapor pressure at 20 °C: | 23 hPa | Not determined. |
| • Density at 20 °C: | 1.08 g/cm ³ | 1.00 g/cm ³ |
| • Relative density | Not determined. | Not determined. |
| • Vapor density | Not determined. | Not determined. |
| • Evaporation rate | Not determined. | Not determined. |
| • Solubility in / Miscibility with water: | Fully miscible. | Complete |
| • Partition coefficient (n-octanol/water): | Not determined. | Not determined. |
| • Viscosity: | | |
| Dynamic: | Not applicable. | Not determined. |
| Kinematic: | Not applicable. | Not determined. |
| • 9.2 Other Information | No further relevant information available. | No further relevant information available. |

10 Stability and reactivity

- 10.1 Reactivity Not determined.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.

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- **10.3 Possibility of hazardous reactions**
 Reacts with strong oxidizing agents.
 Toxic fumes may be released if heated above the decomposition point.
 Reacts with strong acids.
 Reacts with certain metals.
- **10.4 Conditions to avoid**
 Store away from oxidizing agents.
 Keep away from heat and direct sunlight.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
 Carbon monoxide and carbon dioxide
 Nitrogen oxides (NO_x)

11 Toxicological information

• 11.1 Information on toxicological effects

| Product as SOLD | Product at USE DILUTION |
|---|--|
| • Acute toxicity: >3,030 mg./kg., Oral LD50 | Non-toxic at use-dilution. |
| • Primary irritant effect: | |
| • on the eye: Strong caustic effect. | Direct contact with eyes may cause temporary irritation. |
| • Sensitization: No sensitizing effects known. | No sensitizing effects known. |
| • 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: | |
| Swallowing may result in nausea, vomiting, diarrhea, and abdominal pain. | Not classified |

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** biodegradable
- **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
- **Additional ecological information:**
- **General notes:**
 Must not reach sewage water or drainage ditch undiluted or unneutralized.
 Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous. Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.
 This statement was deduced from the properties of the single components.
 Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
 Water Hazard Class (Self-classification) in the concentrate.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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13 Disposal considerations

• 13.1 Waste treatment methods

| Product as SOLD | Product at USE DILUTION |
|---|---|
| • Recommendation | |
| Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. | Diluted product can be flushed to sanitary sewer. Discard empty container in trash. |
| • Uncleaned packaging: | |
| • 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

| | |
|--|----------------------------------|
| • 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA | N/A |
| • 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA | Cleaning Compounds, NOI, liquid. |
| • 14.3 Transport hazard class(es) • DOT, ADR, ADN, IMDG, IATA • Class | N/A |
| • 14.4 Packing group • DOT, ADR, IMDG, IATA | N/A |
| • 14.5 Environmental hazards: • Marine pollutant: | No |
| • 14.6 Special precautions for user | Not applicable. |
| • 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| • 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 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**

- H290 Corrosive to metals..
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H373 May cause damages to organs through prolonged or repeated exposure.

 P260 Do not breathe mist.

P271 Use only outdoors or in a well ventilated area.

SDS File Name: GL55 Concept 915 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)
- LD50: Lethal dose, 50 percent

• **Sources**

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