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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

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

• 1.1 Product identifier

• Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer ST-793, ST-802

• Article number: GP90

• 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 Detergent for general cleaning

Product dilution information: 0.5 wt. oz. (14 g) per 2 gal. of water (heavy-duty); 3 gal. (general cleaning); 4 gal. (light duty cleaning)

• 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

| 8 |
|------------------------------------------------------------|
| Product at USE DILUTION |
| Not classified. |
| Not classified. |
| |
| tive 1999/45/EC |
| Not classified. |
| d environment: |
| The mixture does not meet the criteria for classification. |
| |
| |

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.

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 1)

| Labeling according to Regulation (EC) No 1272/2008 | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product as SOLD | Product at USE DILUTION |
| The product is classified and labeled according to the CLP regulation. | The mixture does not meet the criteria for classification. |
| Hazard pictograms | |
| GHS07 | None |
| Signal word Warning | No signal word. |
| Hazard-determining components of labelling: | |
| disodium metasilicate | Not applicable |
| Hazard statements | |
| H315 Causes skin irritation. H319 Causes serious eye irritation. | |
| Precautionary statements | |
| P102 Keep out of reach of children. P280 Wear protective gloves / eye protection. P264 Wash hands thoroughly after handling. P305+P351+P338+P337+P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention. P302+P352+P362+P332+P313 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention. | Keep out of reach of children. Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down ar outdoor drain. |

3 Composition/information on ingredients

- 3.2 Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

| Dangerous components: | | |
|------------------------------------|--------------------------|--------|
| CAS: 497-19-8 EINECS: 207-838-8 | Sodium Carbonate Xi R36 | 25-50% |
| Index number: 011-005-00-2 | Eye Irrit. 2A, H319 | |
| CAS: 144-55-8 | Sodium Bicarbonate | <15% |
| CAS: 77-92-9 EINECS: 201-069-1 | citric acid X Xi R36 | <10% |
| | Eye Irrit. 2A, H319 | |

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 2)

| CAS: Proprietary | Proprietary Surfactant | <10% |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|------|
| | Eye Dam./Eye Irrit. 2B | |
| CAS: 6834-92-0 | disodium metasilicate | <3% |
| EINECS: 229-912-9 Index number: 014-010-00-8 | C R34; X i R37 | |
| mack numbers of 1 of 0 oo 0 | Skin Corr. 1B, H314 | |
| | STOT SE 3, H335, Acute Tox., Oral, 4 H302 | |
| CAS: 112926-00-8 | Precipitated silica (Silica-Amorphous) substance with a Community workplace exposure limit | <1% |

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

4 First-aid measures

| • 4.1 Description of first aid measures | | |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--|
| Product as SOLD | Product at USE DILUTION | |
| General information: No special measures required. | No special measures required. | |
| After inhalation: Supply fresh air; consult doctor in case of complaints. | No special measures required. Treat symptomatically. | |
| After skin contact: Immediately rinse with water. If skin irritation continues, consult a doctor. | No known effect after skin contact. Rinse with water for a few minutes. | |
| 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. | |
| 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. | |
| 4.2 Most important symptoms and effects, both acute and delayed Cramp Nausea Thirst Coughing | No known effects. | |
| Hazards No further relevant information available. | No known effects. | |
| 4.3 Indication of any immediate medical attention and specific. | ecial treatment needed | |
| Treat skin and mucous membrane with antihistamine and corticoid preparations. | Treat symptomatically. | |
| In cases of irritation to the lungs, initial treatment with cortical steroid inhalants. | | |
| Medical supervision for at least 48 hours. | | |
| If swallowed, gastric irrigation. | | |

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 3)

5 Fire-fighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- For safety reasons unsuitable extinguishing agents: None.
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

• Additional information No further relevant information available.

6 Accidental release measures

| 6.1 Personal precautions, protective equipment and emergency procedures | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Product as SOLD | Product at USE DILUTION | |
| Ensure adequate ventilation | Use personal protective equipment as required. | |
| Product forms slippery surface when combined with water. | | |
| 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: | | |
| Pick up mechanically. Send for recovery or disposal in suitable receptacles. 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 | Product at USE DILUTION | |
| Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed. | 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: | | |
| Protect from humidity and water. Store in a cool location. | Keep out of reach of children. | |

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 4)

| Product as SOLD | Product at USE DILUTION | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--|
| Information about storage in one common storage facility: | | |
| Do not store together with acids. Store away from foodstuffs. Store away from oxidizing agents. | No storage precautions necessary. | |
| Further information about storage conditions: | | |
| Store in cool, dry conditions in well sealed receptacles. Protect from humidity and water. Store in dry conditions. Keep container tightly sealed. Protect from freezing. | No storage precautions necessary. | |
| • 7.3 Specific end use(s) No further relevant information available. | | |

8 Exposure controls/personal protection

the product/ the substance/ the preparation.

material can be given for the product/ the preparation/ the chemical mixture.

Due to missing tests no recommendation to the glove

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

| • 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 t | he workplace: | |
| The product does not contain any relevant quantities of materials with critical values that have to be monitored at the work-place. • DNELs No further relevant information available. • PNECs No further relevant information available. • Additional information: The lists valid during the making were used as basis. | | |
| • 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. | Not required under normal conditions of use. | |
| Respiratory protection: | | |
| Not required under normal conditions of use. Use suitable respiratory protective device in case of insufficient ventilation. Use suitable respiratory protective device when high concentrations are present. | A respirator is not required under normal and intended conditions of use. | |
| Protection of hands: | | |
| Protective gloves The glove material has to be impermeable and resistant to | No protective equipment is needed under normal conditions. | |

(Contd. on page 6)

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 5)

| Product as SOLD | Product at USE DILUTION | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|
| 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. | |
| Eye protection: | | |
| Safety glasses | No protective equipment is needed under normal conditions. | |
| Body protection: | | |
| Alkaline resistant protective clothing | 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. | |

9 Physical and chemical properties

| | Product as SOLD | Product at USE DILUTION |
|----------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------|
| • 9.1 Information on basic physical at | nd chemical properties | |
| General Information Appearance: Form: Color: Odor: Odor threshold: | Powder Yellow Citrus Not determined. | Liquid colorless Citrus Not determined. |
| • pH-value at 20 °C: | Not applicable. | 9.5 ± 0.5 at all label use-dilutions. |
| Change in condition Melting point/Melting range: Boiling point/Boiling range: | Undetermined. Undetermined. | Not applicable. 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. |

(Contd. on page 7)

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 6)

| | Product as SOLD | Product at USE DILUTION |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------|
| 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: Upper: | Not determined. Not determined. | Not determined. Not determined. |
| Vapor pressure at 20 °C: | 23 hPa | Not determined. |
| Density at 20 °C: Relative density Vapor density Evaporation rate | 1.14 g/cm³ Not determined. Not applicable. Not applicable. | 1.00 g/cm³ Not determined. Not applicable. Not applicable |
| Solubility in / Miscibility with water: | Soluble. | Complete |
| Partition coefficient (n-octanol/water): | Not determined. | Not determined. |
| Viscosity: Dynamic: Kinematic: | Not applicable. Not applicable. | Not determined. 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.

10.3 Possibility of hazardous reactions

Reacts with acids.

As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion. Reacts with strong oxidizing agents.

Toxic fumes may be released if heated above the decomposition point.

- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: Possible in traces.

11 Toxicological information

| • 11.1 Information on toxicological effects | | |
|-------------------------------------------------------------------|----------------------------------------------------------|--|
| Product as SOLD | Product at USE DILUTION | |
| Acute toxicity: | Non-toxic at use-dilution. | |
| Primary irritant effect: | | |
| on the skin: Irritant to skin and mucous membranes. | No adverse effects due to skin contact are expected. | |
| on the eye: Strong irritant with the danger of severe eye injury. | Direct contact with eyes may cause temporary irritation. | |

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 7)

| Product as SOLD | Product at USE DILUTION | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|
| 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: | | |
| Irritant | Not classified No known significant effects or critical hazards. | |

12 Ecological information

- 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.
- Ecotoxical 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 | | | |
| Smaller quantities can be disposed of with household waste. 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. | Diluted product can be flushed to sanitary sewer. Discard empty container in trash. | | |
| Recommended cleansing agents: Water, if necessary together with cleansing agents. | | | |

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 8)

| 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, powder. | |
| • 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, powder. | |
| 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. | |
| 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. | |

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

| | | | (Contd. from page 9 |
|------------------------------------|--------------------------------------------|------------------------------------|------------------------------------|
| | Product as SOLD | | Product at USE DILUTION |
| Carcinogenic C | ategories | | |
| • EPA (Environm | ental Protection Agency) | | |
| None of the ingr | redients is listed. | | None of the ingredients is listed. |
| • IARC (Internation | onal Agency for Research on Cancer) | | |
| 112926-00-8 | Precipitated silica (Silica-Amorphous) | 3 | Not applicable. |
| • TLV (Threshold | Limit Value established by ACGIH) | | |
| None of the ingr | redients is listed. | | None of the ingredients is listed. |
| • NIOSH-Ca (Nati | onal Institute for Occupational Safety and | d Healt | h) |
| None of the ingredients is listed. | | None of the ingredients is listed. | |
| • OSHA-Ca (Occi | upational Safety & Health Administration) | | |
| All ingredients are listed. | | All ingredients are listed. | |
| Canada | | | |
| Canadian Dome | estic Substances List (DSL) | | |
| All ingredients a | re listed. | | All ingredients are listed. |
| Canadian Ingre | dient Disclosure list (limit 0.1%) | | |
| None of the ing | redients is listed. | | None of the ingredients is listed. |
| Canadian Ingre | dient Disclosure list (limit 1%) | | |
| 77-92-9 | Citric Acid | | Not applicable. |
| 497-19-8 | Sodium Carbonate | | Not applicable. |
| 6834-92-0 | disodium metasilicate | | Not applicable. |

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.

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

Relevant phrases

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.

H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

R34 Causes burns. R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.

R38 Irritating to skin.

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

Trade name: Water Flakes® All-Purpose Cleaner/Deodorizer

(Contd. from page 10)

SDS File Name: GP90 WATER FLAKES ALL-PURPOSE CLEANER DEODORIZER SDS

NSF Certified: C1, 7/27/04 EPA/DfE Recognized: Yes • 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

SDS Prepared by:

ChemTel Inc. 1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com

Revision: 10/18/2017

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