



Safety Data Sheet

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

Trade name: Porta-Fresh Holding Tank Deodorant

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

- **1.1 Product identifier**
- **Trade name:** Porta-Fresh Holding Tank Deodorant ST-804, ST-806
- **Article number:** BP35
- **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** Odor Neutralizer
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
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**
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R41-38: Risk of serious damage to eyes. Irritating to skin.

- **Information concerning particular hazards for human and environment:**

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

(Contd. on page 2)

Safety Data Sheet

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 1)

• **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.

• **2.2 Label elements**

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

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

• **Hazard pictograms**



GHS05

• **Signal word** Danger

• **Hazard-determining components of labelling:**

Alkyl(C12-18) dimethyl(ethylbenzyl) ammonium chloride
quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides

• **Hazard statements**

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.
H315 Causes skin irritation.
H318 Causes serious eye damage.

• **Precautionary statements**

P280 Wear protective gloves / eye protection.
P264 Wash hands thoroughly after handling.
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 / doctor.
P302+P352 IF ON SKIN: Wash with plenty of water.
P362 Take off contaminated clothing and wash it before reuse.
P332+P313 If skin irritation occurs: Get medical advice / attention.

3 Composition/information on ingredients

• **3.2 Mixtures**

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

• Dangerous components:		
CAS: 57-13-6 EINECS: 200-315-5	urea substance with a Community workplace exposure limit	<25%
CAS: 68956-79-6	Alkyl(C12-18) dimethyl(ethylbenzyl) ammonium chloride C R34; Xn R22; Xi R37 ----- Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; STOT SE 3, H335	<10%
CAS: 68391-01-5 EINECS: 269-919-4	quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides C R34; Xn R22 ----- Skin Corr. 1B, H314 Acute Tox. 4, H302	<10%









(Contd. on page 3)

Safety Data Sheet

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 2)

CAS: 7631-86-9 EINECS: 231-545-4	silicon dioxide, chemically prepared  Xi R36/38	<1.0%
	 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	
CAS: 68391-04-8 EINECS: 269-923-6	Amines, C12-C18-alkyldimethyl  C R34;  Xn R22;  Xi R41;  N R51	≤2.5%
	 Skin Corr. 1B, H314; Eye Dam. 1, H318	
	 Acute Tox. 4, H302	

- **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

• **General information:** Immediately remove any clothing soiled by the product.

• **After inhalation:** Supply fresh air; consult doctor in case of complaints.

• After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

• After eye contact:

Remove contact lenses if worn, if possible.

Rinse opened eye for several minutes under running water. Then consult a doctor.

• After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

• 4.2 Most important symptoms and effects, both acute and delayed

Irritant to skin and mucous membranes.

Strong irritant with the danger of severe eye injury.

Gastric or intestinal disorders.

Nausea

Cramp

Thirst

• Hazards

Danger of gastric perforation.

Danger of severe eye injury.

• 4.3 Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

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.

(Contd. on page 4)

Safety Data Sheet

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 3)

- **5.3 Advice for firefighters**
- **Protective equipment:**
 - Wear self-contained respiratory protective device.
 - Wear fully protective suit.
- **Additional information**
 - Cool endangered receptacles with water spray.
 - Eliminate all ignition sources if safe to do so.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - Use respiratory protective device against the effects of fumes/dust/aerosol.
 - Wear protective equipment. Keep unprotected persons away.
 - Ensure adequate ventilation
 - Product forms slippery surface when combined with water.
 - Avoid formation of dust
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**
 - Pick up mechanically.
 - Dispose contaminated material as waste according to item 13.
- **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.

7 Handling and storage

- **7.1 Precautions for safe handling**
 - Prevent formation of dust.
 - Use only in well ventilated areas.
- **Information about fire - and explosion protection:** 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.
 - Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from oxidizing agents.
 - Store away from water.
 - Do not store together with acids.
- **Further information about storage conditions:**
 - Store in cool, dry conditions in well sealed receptacles.
 - Protect from freezing.
- **7.3 Specific end use(s)** No further relevant information available.

(Contd. on page 5)

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 4)

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

57-13-6 urea

WEEL (USA)

Long-term value: 10 mg/m³

- **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.

- **Respiratory protection:**

Not required under normal conditions of use.

For spills, respiratory protection may be advisable.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **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.

- **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.

- **Eye protection:**

Contact lenses should not be worn.



Safety glasses

- **Body protection:**

Not required under normal conditions of use.

Protection may be required for spills.

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

(Contd. on page 6)

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 5)

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

• General Information

• Appearance:

Form: Granulate

Color: Blue

• Odor: wintergreen scent

• Odor threshold: Not determined.

• pH-value at 20 °C: 10.0 ± 0.5 (1% solution)

• Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

• Flash point: Not applicable.

• Flammability (solid, gaseous): Not determined.

• Ignition temperature: Not determined.

• Decomposition temperature: Not determined.

• Self-igniting: Product is not self-igniting.

• Danger of explosion: Product is not explosive.

• Explosion limits:

Lower: Not determined.

Upper: Not determined.

• Vapor pressure at 20 °C: Not applicable.

• Density at 20 °C: Not determined.

• Relative density: Not determined.

• Vapor density: Not applicable.

• Evaporation rate: Not applicable.

• Solubility in / Miscibility with water: Soluble.

• Partition coefficient
(n-octanol/water): Not determined.

• Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable.

• 9.2 Other information: 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.

(Contd. on page 7)

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 6)

• **10.3 Possibility of hazardous reactions**

Reacts with strong acids and oxidizing agents.

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

Exothermic reaction with acids.

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

• **10.4 Conditions to avoid** Store away from oxidizing agents.

• **10.5 Incompatible materials:** Strong oxidizing agents.

• **10.6 Hazardous decomposition products:**

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

Sulphur oxides (SO_x)

11 Toxicological information

• **11.1 Information on toxicological effects**

• **Acute toxicity:**

• **LD/LC50 values relevant for classification:**

68391-01-5 quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides

Oral	LD50	650 mg/kg (rat)
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• **Primary irritant effect:**

• **on the skin:** Slight irritant effect on skin and mucous membranes.

• **on the eye:** Strong caustic effect.

• **Sensitization:** 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:

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

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.

• **Ecotoxicological effects:**

• **Remark:**

Harmful to fish

After neutralization a reduction of the harming action may be recognized

(Contd. on page 8)

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 7)

• **Additional ecological information:**

• **General notes:**

Water Hazard Class (Self-classification) in the concentrate.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

• **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**

• **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

• **Uncleaned packaging:**

• **Recommendation:** Disposal must be made according to official regulations.

• **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

• **14.1 UN-Number**

• **DOT, ADR, ADN, IMDG, IATA** N/A

• **14.2 UN proper shipping name**

• **DOT, ADR, ADN, IMDG, IATA** Compound, cleaning, 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.

• **Transport/Additional information:**

• **UN "Model Regulation":** Compound, cleaning, NOI, powder.

(Contd. on page 9)

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 8)

15 Regulatory information

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

• **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

• **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

• **Proposition 65 (California):**

• **Chemicals known to cause cancer:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

• **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

• **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

• **Carcinogenic Categories**

• **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

• **IARC (International Agency for Research on Cancer)**

7631-86-9

silicon dioxide, chemically prepared

3

• **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

• **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

• **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

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

(Contd. on page 10)

Safety Data Sheet

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

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 9)

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

H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

R22 Harmful if swallowed.
 R34 Causes burns.
 R36/38 Irritating to eyes and skin.
 R37 Irritating to respiratory system.
 R41 Risk of serious damage to eyes.

• NFPA ratings (scale 0 - 4)



Health = 2
 Fire = 0
 Reactivity = 0

• MSDS File Name: BP35 PORTAFRESH 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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent

(Contd. on page 11)

Safety Data Sheet
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GHS HCS 2012

Trade name: Porta-Fresh Holding Tank Deodorant

(Contd. from page 10)

• **Sources**

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