

| Trade name: Sanitergent™ Cleaner/Sanitizer |
|--|
| 1 Identification of the substance/mixture and of the company/undertaking |
| • 1.1 Product identifier |
| • Trade name: Sanitergent™ Cleaner/Sanitizer ST-762, ST-764, |
| Article number: .CHEM-0702 EPA Registration No. 10634-27-3640 |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against Use only as stated on label. |
| Application of the substance / the preparation Cleaner. Sanitizer. |
| Product dilution information: 1 wt. oz. (28.35 g) 2 1/2 gallons of water for sanitizing or 0.10 wt. oz. (2.83 g) per 32 ounces of water for sanitizing. |
| 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 | No pictogram | |
| Skin Corr. 1B, Eye Dam. 1 H314 +H318 Causes severe skin burns and serious eye damage. | Eye Irrit. 2B, H320 Causes eye irritation. | |
| GHS07 irritant | | |
| STOT SE 3 H355 May cause respiratory irritation. | | |
| Acute Tox. 5 Oral, H303 May be harmful if swallowed. | | |
| 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 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. | |
| 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 i information from technical literature and by information provice | | |
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| | (Contd. from page |
|---|---|
| • 2.2 Label elements | |
| 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 product is classified and labeled according to the CLP regulatio |
| Hazard pictograms | |
| GHS05 GHS07 | None |
| Signal word Danger | Warning |
| Hazard-determining components of labelling: | |
| Sodium Metasilicate | None |
| Hazard statements | |
| H314+H318 Causes severe burns and serious eye damage. H355 May cause respiratory irritation. H303 May be harmful if swallowed. | H320 Causes eye irritation. |
| Precautionary statements | |
| P280 Wear protective gloves/protective clothing/eye protection/ face protection P264 Wash face, hands and any exposed skin thoroughly after handling. P260 Do not breathe dust/fume/gas/mist/vapors/spray P271 Use only outdoors or in a well-ventilated area Specific Treatment (See Section 4 on the SDS) 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/physician P303+P361+P353+P363: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. P310 Immediately call a POISON CENTER or doctor/physician. P310+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P310: Immediately call a POISON CENTER or doctor. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310: Immediately call a POISON CENTER or doctor. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310: Immediately call a POISON CENTER or doctor. P405+ P403+P233: Store locked up. Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container to an approved waste disposal plant | Wash hands thoroughly after handling. 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. |

3 Composition/information on ingredients

• 3.2 Mixtures

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

Dangerous components:

| Bungerous components. | | |
|-----------------------|--|--------|
| CAS: 7758-29-4 | Sodium Tripolyphosphate | 15-40% |
| CAS: 6834-92-0 | Sodium Metasilicate | 5-10% |
| CAS: 51580-86-0 | Sodium Dichloroisocyanurate, Dihydrate | 3-7% |

The exact percentage (concentration) of composition has been withheld as a trade secret.

• 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 • General information: If symptoms persist, call a physician. No special measures required. • After inhalation: Remove to fresh air. If symptoms persist, Remove victim to fresh air and keep comfortable for call a physician. Immediate medical attention is not breathing. required. Move to fresh air in case of accidental inhalation of vapors. • After skin contact: If irritation occurs, rinse skin with water. If irritation persists Wash off immediately with plenty of water for at least 15 get medical attention. minutes. If skin irritation persists, call a physician. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Rinse cautiously with water for several minutes. Remove After eye contact: Rinse immediately with plenty of water, also under the contact lenses if present and easy to do. Continue rinsing. eyelids, for at least 15 minutes If symptoms persist, call a If eye irritation persists get medical attention. physician Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes Keep eye wide open while rinsing Rinse mouth. Do NOT induce vomiting. Call a POISON After swallowing: Immediate medical attention is not required. Rinse mouth. CENTER or doctor/physician if you feel unwell. Drink plenty of water. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. · Self-protection of the first aider: No special measures required. Use personal protective equipment as required. 4.2 Most important symptoms and effects, both acute No known effects. and delayed No Information available • 4.3 Indication of any immediate medical attention and special treatment needed Note to physicians Treat symptomatically.

Treat symptomatically.

5 Fire-fighting measures

• 5.1 Extinguishing media

• Suitable extinguishing agents: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

• For safety reasons unsuitable extinguishing agents: Caution: Use of water spray when fighting fire may be inefficient.

• 5.2 Special hazards arising from the substance or mixture

No Information available.

5.3 Advice for firefighters

Protective equipment:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

• 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 | | |
| Use personal protective equipment as required. Avoid con- tact with eyes and skin. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. | Use personal protective equipment as required. | | |
| 6.2 Environmental precautions: | | | |
| Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. | 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: | | |
| Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up. | Large Spills: Flush area with water. Prevent entry into water- ways. 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 equip- ment. See Section 13 for disposal information. | | |

| 7 Handling and storage | |
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| | |
| • 7.1 Precautions for safe handling | |
| Product as SOLD | Product at USE DILUTION |
| Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Use with local exhaust ventilation. Do not breathe dust/fume/ gas/mist/vapors/spray. | 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 incompat | ibilities |
| Storage Conditions: | |
| Keep container tightly closed. Keep out of the reach of child place. Keep in properly labeled containers. | ren. Keep containers tightly closed in a cool, well-ventilated |
| Incompatible materials: | |
| Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well- ventilated place. Keep in properly labeled containers. | Keep out of reach of children. |

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| B 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 | | | | |
| • Exposure Guidelines | | | | |
| This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. | Not applicable. | | | |
| 8.2 Appropriate engineering controls | | | | |
| Showers, Eyewash stations & Ventilation systems. | Not required under normal conditions of use. | | | |
| Personal protective equipment: | | | | |
| General protective and hygienic measures: | | | | |
| When using do not eat, drink or smoke. Wash contaminat- ed clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended. | Not required under normal conditions of use. | | | |
| Respiratory protection: | | | | |
| If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. | 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 the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. | 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 | | | |

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| | (Contd. from page 5) | | |
| Product as SOLD | Product at USE DILUTION | | |
| • For the permanent contact gloves made of the following | materials are suitable: | | |
| Neoprene gloves Butyl rubber, BR Nitrile rubber, NBR | No protective equipment is needed under normal conditions. | | |
| • Eye protection: | | | |
| Safety glasses | No protective equipment is needed under normal conditions. | | |
| Body protection: | | | |
| Protective work clothing | No protective equipment is needed under normal conditions. | | |
| Limitation and supervision of exposure into the environm | nent | | |
| 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 and chemical properties | | | |
| General Information Appearance: Form: Color: Odor: Odor: Odor threshold: | Granules White None No Information available. | Liquid Clear Odorless Not determined. | |
| • pH-value at 20 °C: | 10.2 - 10.9 (1% solution) | 7.2-8.2 | |
| Change in condition Melting point/Melting range: Boiling point/Boiling range: | No Information available No Information available | Not applicable. 100° C / 212° F | |
| • Flash point: | None | Not determined. | |
| Flammability (solid, gaseous): | No Information available | Not applicable. | |
| Ignition temperature: | No Information available | Not applicable. | |
| • Self-igniting: | No Information available | Product is not self-igniting. | |
| Danger of explosion: | No Information available | Product does not present an explosion hazard. | |
| • Explosion limits: Lower: Upper: | No Information available No Information available | Not determined. Not determined. | |

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| | | (Contd. from page 6) |
|--|--|---|
| | Product as SOLD | Product at USE DILUTION |
| Vapor pressure at 20 °C: | No Information available | Not determined. |
| Density at 20 °C: Relative density Vapor density Evaporation rate | No Information available No Information available No Information available No Information available | Not determined. Not applicable. Not applicable. |
| Solubility in / Miscibility with water: | Partially soluble | Complete |
| Partition coefficient (n-octanol/water): | No Information available | Not determined. |
| • Viscosity: Dynamic: Kinematic: | No Information available No Information available | 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 No data available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions
- None under normal processing. • 10.4 Conditions to avoid
- Extremes of temperature and direct sunlight.
- 10.5 Incompatible materials: None known based on information supplied.
- 10.6 Hazardous decomposition products:
- None known based on information supplied.

| Product as SOLD | | luct as SOLD | Product at USE DILUTION |
|--|----------------|------------------------|--------------------------------|
| 1.1 Inform | nation on tox | cological effects | |
| cute toxi | city: | | |
| LD/LC50 values relevant for classification | | ant for classification | Non-toxic at use-dilution. |
| 6834-92-0 | Sodium Meta | asilicate | |
| Oral | LD50 | 600 mg/kg (rat) | |
| Primary in | ritant effect: | | |
| on the ski | n: | | |
| No data available. | | | Non-hazardous at use-dilution. |
| on the eye |): | | • |
| No data av | /ailable. | | Non-hazardous at use-dilution. |

(Contd. on page 8)

| 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 ca Classification Guidelines for Preparations as issued in the late | |
| STOT - repeated exposure Chronic toxicityNo Information available. Avoid repeated exposure. | Not classified No known significant effects or critical hazards. |
| Acute effects (acute toxicity, irritation and corrosivity): | |
| Unknown Acute Toxicity | Non-hazardous at use-dilution. |
| | |

12.1 Toxicity

- Aquatic toxicity: This product contains materials that are harmful to the environment.
- 12.2 Persistence and degradability No Information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Ecotoxical effects:
- Remark: 36% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|--------------------------------------|----------------------|--|--|
| Sodium Sulfate 7757-82-6 | Yes | 13500 - 14500: 96 h Pimephales promelas mg/L LC50 6800: 96 h Pimephales promelas mg/L LC50 static 3040 - 4380: 96 h Lepomis macrochirus mg/L LC50 static 13500: 96 h Lepomis macrochirus mg/L LC50 | 2564: 48 h Daphnia magna mg/L EC50 630: 96 h Daphnia magna mg/L EC50 |
| Sodium Tripolyphoshpate 7758-29-4 | Yes | 1650: 48 h Leuciscus idus mg/L LC50 | Yes |
| Sodium Metasilicate 6834-92-0 | Yes | 210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50 | 216: 96 h Daphnia magna mg/L EC50 |

• 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 | |
| Disposal of wastes | | |
| Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste repre- sentative at the nearest EPA Regional Office for guidance. | Diluted product can be flushed to sanitary sewer. Discard empty container in trash. | |

| | | (Contd. from pa | | |
|---|---|---|--|--|
| Product as SOLD | | Product at USE DILUTION | | |
| Contaminated packaging | | | | |
| Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse empty container with water. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill. Follow label instructions for proper disposal. | | Diluted product can be flushed to sanitary sewer. Discard empty container in trash. | | |
| 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 | | Cleaning Compounds, NOI, powder. | | |
| 14.3 Transport hazard class(es) | | | | |
| • DOT • 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 MARPOL73/78 and the IBC Code | Annex II of | Not applicable. | | |
| UN "Model Regulation": | | Cleaning Compounds, NOI, powder. | | |
| | | | | |
| 15 Regulatory information | al regulations/logislati | ion oncoific for the substance or mixture | | |
| • 15.1 Salety, nearth and environment Product as S | | ion specific for the substance or mixture Product at USE DILUTION | | |
| International Inventories | ~ | | | |
| TSCA C DSL/NDSL Complies C EINECS/ELINCS D | Complies Complies Does not comply Complies | Not applicable. | | |
| egend: SCA - United States Toxic Substances Control Act : SL/NDSL - Canadian Domestic Substances List/Nc INECS/ELINCS - European Inventory of Existing C | on-Domestic Substances List | n List of Notified Chemical Substances | | |

| SARA 511/512 Hazaru Galegones | | |
|-----------------------------------|-----|-----------------|
| Acute health hazard | Yes | Not applicable. |
| Chronic Health Hazard | No | Not applicable. |
| Fire hazard | No | Not applicable. |
| Sudden release of pressure hazard | No | Not applicable. |
| Reactive Hazard | No | Not applicable. |

(Contd. on page 10)

| | | | (Contd. from pa | |
|--|--|--|---|-----------------|
| Product as SOLD | | | Product at USE DILUTION | |
| CWA (Clean Water | | | | Not applicable |
| This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) | | | Not applicable. | |
| CERCLA | | | | |
| This material, as s regulated as haza Environmental Re (CERCLA) (40 CF Reauthorization A reporting requirem pertaining to relea | rdous substan sponse Comp R 302) or the ct (SARA) (40 nents at the loc | ces under the Cou ensation and Liab Superfund Amenc CFR 355). There al, regional, or sta | mprehensive ility Act Iments and may be specific | Not applicable. |
| US State Regulatio | | | | |
| Proposition 65 (C | | | | |
| This product does | not contain ar | y Proposition 65 | chemicals | |
| L C. Stata Bight to | | tiono | | |
| U.S. State Right-to | -Know Regula | | | Not applicable. |
| Chemical Name | New Jersey | Massachusetts | Pennsylvania | |
| Sodium Sulfate 7757-82-6 | Yes | Х | Х | |
| Sodium Tripolyphoshpate 7758-29-4 | Yes | х | х | |
| Sodium Dichloroiso- cyanurate, Dihydrate 51580-86-0 | Yes | x | Х | |
| U.S. EPA Label Infe | ormation | | | • |
| EPA Pesticide Registration Number 10634-27 | | | Not applicable. | |
| EPA Statement | | | | |
| This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements dif- fer from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. See the product label for the FIFRA hazard information as required on the pesticide label. | | Not applicable. | | |

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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

- H303 May be harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- Causes eye irritation. H320
- H335 May cause respiratory irritation.

SDS File Name: SANITERGENT CLEANER-SANITIZER 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

Sources

SDS Prepared by: Alpha Chemical Services, Inc. 46 Morton Street Stoughton, MA 02072 Phone: (800) 464-9872 Revision: 10/16/2017

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