STEARNS.

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

Trade name: TreadMate® Quarry Tile Floor Cleaner	
1 Identification of the substance/mixture and	of the company/undertaking
1.1 Product identifier	
Trade name: TreadMate® Quarry Tile Floor Cleaner Article number: AM91	ST-0706
• 1.2 Relevant identified uses of the substance or mixture and No further relevant information available.	d uses advised against
Application of the substance / the preparation Floor Cleaner	
Product dilution information: Mix the contents of one 2 fl. oz.	. (59.14 ml) pack with 4 gallons (15 L) of water.
 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 Fax: 1-608-246-5149 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	Not classified.
Skin Corr. Irrit. 1C, Eye Dam. 1 H314+H318 Causes severe skin burns and serious eye damage.	Not classified.
Classification according to Directive 67/548/EEC or Direct	ive 1999/45/EC
Classification system:	
The classification is according to the latest editions of the EU-	
The classification is in accordance with the latest editions of ir information from technical literature and by information provid	
	(Contd. on page 2)

Trade name: TreadMate® Quarry Tile Floor Cleaner		
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• 2.2 Label elements		
Product as SOLD	Product at USE DILUTION	
Labeling according to Regulation (EC) No 1272/2008		
The product is classified and labeled according to the CLP regulation.	The mixture does not meet the criteria for classification.	
Hazard pictograms		
GHS05	None	
Signal word Danger	None	
Hazard-determining components of labeling:		
glycolic acid	Not applicable.	
Hazard statements		
H314+H318 Causes severe skin burns and serious eye damage	Avoid contact with eyes.	
Precautionary statements		
 P280 Wear protective gloves/eye protection. P264 Wash hands thoroughly after handling. P260 Do not breathe mists. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists get medical advice/ attention P303+P361+P353+P363: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. P332+P313 If skin irritation occurs: Get medical advice/ attention. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310: Immediately call a POISON CENTER or doctor. P405: Store locked up. P501 Dispose of contents/container in accordance with local regulations. 	Wear protective eyewear if eye contact is possible.	

3 Composition/information on ingredients

• 3.2 Mixtures

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

 Dangerous components: 		
CAS: 68439-46-3 NLP: 500-446-0	alcohols, C9-11, ethoxylated Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<15%

Trade name: TreadMate® Quarry Tile Floor Cleaner (Contd. from page 2) 3 Composition/information on ingredients • 3.2 Mixtures • Description: Mixture of substances listed below with nonhazardous additions. • Dangerous components: glycolic acid CAS: 79-14-1 <10% C R34; Xn R22 EINECS: 201-180-5 Skin Corr. 1B, H314; Eye Dam. 1, H318 sodium dodecylbenzenesulphonate, pure CAS: 25155-30-0 <10% EINECS: 246-680-4 Xn R22; Xi R36_____ • Acute Tox. 4, H302; Eye Irrit. 2A, H319 citric acid CAS: 77-92-9 <5% EINECS: 201-069-1 🗙 Xi R36 _____ 🕩 Eye Irrit. 2A, H319 • 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		
After inhalation: Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.		
 After skin contact: Wash with water and rinse thoroughly. 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. If symptoms persist 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 Strong irritant with the danger of severe eye injury. Irritant to skin and mucous membranes. Gastric or intestinal disorders. Gastric or intestinal disorders. 	No known effects.		
Hazards Danger of severe eye injury.	No known effects.		
• 4.3 Indication of any immediate medical attention and spe	ecial treatment needed		
No further relevant information available.	No further relevant information available.		

Trade name: TreadMate® Quarry Tile Floor Cleaner

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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.

6 Accidental release measures

Product as SOLD	Product at USE DILUTION Use personal protective equipment as required.	
Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation		
6.2 Environmental precautions:		
Dilute with plenty of water.	Dilute with plenty of water.	
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. 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
Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.	Wash hands thoroughly after handling.
 Information about fire - and explosion protection: 	
No special measures required.	No precautions necessary.
• 7.2 Conditions for safe storage, including any incompatibilities	

Trade name: TreadMate® Quarry Tile Floor Cleaner

	(Contd. from page
Product as SOLD	Product at USE DILUTION
Storage:	
Requirements to be met by storerooms and receptacles:	
Avoid storage near extreme heat, ignition sources or open flame. Unsuitable material for receptacle: aluminium.	Avoid storage near extreme heat, ignition sources or open flame. Unsuitable material for receptacle: aluminium.
Information about storage in one common storage facility	:
Store away from foodstuffs. Store away from oxidizing agents.	Store away from foodstuffs. Store away from oxidizing agents.
• Further information about storage conditions:	·
Store in cool, dry conditions in well sealed receptacles.	No storage precautions necessary.
• 7.3 Specific end use(s)	
No further relevant information available.	

8 Exposure controls/personal protection Additional information about design of technical facilities: No further data; see item 7. **Product as SOLD Product at USE DILUTION** 8.1 Control parameters Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of Not applicable. materials with critical values that have to be monitored at the workplace. • DNELs No further relevant information available. PNECs No further relevant information available. · Additional information: The lists valid during the making were used as basis. 8.2 Exposure controls • Personal protective equipment: · General protective and hygienic measures: The usual precautionary measures are to be adhered to The usual precautionary measures are to be adhered to when handling chemicals. when handling chemicals. Keep away from foodstuffs, beverages and feed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Avoid contact with the eyes and skin. • Respiratory protection: Not necessary if room is well-ventilated. Not necessary if room is well-ventilated. Use suitable respiratory protective device when high Use suitable respiratory protective device when high concentrations are present. concentrations are present. For spills, respiratory protection may be advisable. For spills, respiratory protection may be advisable. NIOSH approved organic vapor respirator equipped with a NIOSH approved organic vapor respirator equipped with a dust/mist prefilter should be used. dust/mist prefilter should be used.

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Trade name: TreadMate® Quarry Tile Floor Cleaner

Product as SOLD	Product at USE DILUTION
Avoid direct contact with the chemical/ the product/ the preparation by organizational measures. Use gloves constructed of chemical resistant material such as heavy nitrile rubber. Protective gloves	No protective equipment is needed under normal conditions.
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.	No protective equipment is needed under normal conditions.
Penetration time of glove material	
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	No protective equipment is needed under normal conditions.
For the permanent contact gloves made of the following ma	aterials are suitable: Rubber gloves
Eye protection:	
Contact lenses should not be worn. Tightly sealed goggles	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 environme	nt
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:	Liquid Blue-green	Liquid Light blue-green
• Odor:	Citrus-floral fragrance	Slight citrus-floral fragrance
• Odor threshold:	Not determined.	Not determined.
• pH-value at 25 °C:	3.2 ± 0.2	5.0 - 5.5
Change in condition		
Melting point/Melting range:	Undetermined.	Undetermined.
Boiling point/Boiling range:	>212 °F / 100 °C	>212 °F / 100 °C
• Flash point:	Not available	Not available
 Flammability (solid, gaseous): 	Not applicable.	Not applicable.
Ignition temperature:	Not determined.	Not determined.
Decomposition temperature:	Not determined.	Not determined.
Self-igniting:	Product is not self-igniting.	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.
• Explosion limits:		
Lower:	Not determined.	Not determined.
Upper:	Not determined.	Not determined.
 Vapor pressure at 20 °C: 	23 hPa	Not determined.
• Density at 20 °C:	1.1 g/cm ³	Not determined.
 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 cotonol(water))	Net determined	Not determined
(n-octanol/water):	Not determined.	Not determined.
Viscosity: Dynamic at 20 °C:	<100 mPas	Not determined.
Kinematic:	Not determined.	Not determined.
	Not determined.	
Solvent content: Organic solvents:	0.0 %	0.0 %
Water:	60.0 %	99.6 %
Solids content:	34.0 %	0.13 %
9.2 Other information	No further relevant information available.	No further relevant information available.

Trade name: TreadMate® Quarry Tile Floor Cleaner

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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
- Toxic fumes may be released if heated above the decomposition point. Exothermic reaction with acids. Reacts with strong oxidizing agents.

• 10.4 Conditions to avoid Store away from oxidizing agents.

• 10.5 Incompatible materials: No further relevant information available.

11 Toxicological information

11.1 Informatio	n on toxicolo	ogical effects	
	Product as SOLD		Product at USE DILUTION
Acute toxicity:	Acute toxicity: >5,000 mg/kg LD/LC50 values relevant for classification:		Non-toxic at use-dilution.
LD/LC50 value			LD/LC50 values relevant for classification:
79-14-1 gly	colic acid	No known significant effects or critical hazards	
Oral	LD50	2040 mg/kg (rat)	
• Primary irritan	t effect:		
• on the skin: Irritant to skin and mucous membranes. No adverse effects due to skin contact are exp		No adverse effects due to skin contact are expected.	
 on the eye: Strong irritant with the danger of severe eye injury. 		ith the danger of severe eye	Direct contact with eyes may cause temporary irritation.
Sensitization: No sensitizing effects known.		g effects known.	
 Additional toxi 	cological inf	ormation:	
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		Not classified	

12 Ecological information		
• 12.1 Toxicity		
Aquatic toxicity:		
Product as SOLD	Product at USE DILUTION	
The product contains materials that are harmful to the environment.	No data available.	
• 12.2 Persistence and degradability The product is biodegra	dable. Significant residuals remain.	
 12.3 Bioaccumulative potential No further relevant information available. 		
12.4 Mobility in soil No further relevant information available.		

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Product as SOLD	Product at USE DILUTION		
Ecotoxical effects:			
• Remark: After neutralization toxicity cannot be recognized any longer.	Non-toxic at use dilution.		
Additional ecological information:			
 12.5 Results of PBT and vPvB assessment 			
PBT: Not applicable.	Not applicable.		
• vPvB: Not applicable.	Not applicable.		
• 12.6 Other adverse effects No further relevant information available.	No further relevant information available.		

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. Disc empty container in trash.	
Uncleaned packaging:		
• Recommendation: Disposal must be made according to local regulations.	Not applicable.	
 Recommended cleansing agents: Water, if necessary together with cleansing agents. 	Not applicable.	

14 Transport information	
Product as SOLD	
• 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA	UN3265
 14.2 UN proper shipping name DOT, ADR, ADN, IMDG, IATA 	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (glycolic acid), 8, III, Ltd. Qty.
 14.3 Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class 	8
• 14.4 Packing group • DOT, ADR, IMDG, IATA	
 14.5 Environmental hazards: Marine pollutant:	No

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Product as SOLD			
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.		
Product at USE DILUTION Not intended for transport.			
15 Regulatory information			
15.1 Safety, health and environmental regulations/legis	slation specific for the substance or mixture		
United States (USA)			
SARA Product as SOLD			
Section 313 (Specific toxic chemical listings):	Product at USE DILUTION		
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.		
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			
None of the ingredients is listed.	None of the ingredients is listed.		

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Product as SOLD		Product at USE DILUTION	
OSHA-Ca (Occu	pational Safety & Health Administration)		
None of the ingredients is listed.		None of the ingredients is listed.	
Canada			
Canadian Dome	stic Substances List (DSL)		
All ingredients ar	nts are listed. All ingredients are listed.		
Canadian Ingred	dient Disclosure list (limit 0.1%)		
79-14-1	glycolic acid	Not applicable.	
25155-30-0	sodium dodecylbenzenesulphonate, pure	Not applicable.	
77-92-9	citric acid Not applicable.		
68439-46-3	alcohols, C9-11, ethoxylated	Not applicable.	
Canadian Ingred	dient Disclosure list (limit 1%)		
None of the ingre	edients is listed.	None of the ingredients is listed.	

Trade name: TreadMate® Quarry Tile Floor Cleaner

(Contd. from page 11) 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. Harmful if swallowed. R22 R34 Causes burns. R36 Irritating to eyes. R38 Irritating to skin. Risk of serious damage to eyes. R41 SDS File Name: AM91 Treadmate Quarry Tile Floor Cleaner SDS Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labeling of Chemicals ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) Sources SDS Prepared by: JBE/JER Revision: 11/08/2017 Steams Packaging Corporation makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Steams Packaging Corporation as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does Steams Packaging Corporation assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Steams Packaging Corporation does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.



Quarry Tile Floor Cleaner

TREAD*MATE*®

ST-No.	New Item #	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases /Pallet	Dilution Rate
ST-706	#2308800	008800	N/A	60 x 2 fl. oz. packs	9.5 pounds	75	4 Gallons

Professional strength formula eliminates slippery floors by removing grease build-up. Safe yet effective combination of mild acids and powerful detergents penetrates deep into tile cracks and grout lines. *TREADMATE®* does not leave a slippery alkaline residue. Use on quarry tile, ceramic tile, concrete, brick, and vinyl floors.

Directions

- 1. Fill mop bucket to 4 gal. (15 L) level with hot water and add entire contents of one pack.
- 2. Apply solution directly from mop bucket using mop. Do not wring mop out.
- 3. Using deck brush, scrub floor vigorously making sure grout lines are thoroughly cleaned.
- 4. Squeegee the soiled solution to the floor drain. If there are no floor drains, pick up residue with a mop.
- 5. Rinse floor thoroughly with clean water using a clean mop.
- 6. Dry floor with squeegee or air dry.

IMPORTANT: Change rinse water frequently to avoid redepositing soil on floor.

IMPORTANT

READ ALL DIRECTIONS FOR USE, FIRST AID, AND PRECAUTIONARY INFORMATION ON LABEL BEFORE USING TREADMATE® QUARRY TILE FLOOR CLEANER.

- When cleaning, use caution, as floors may be slippery from oil and grease residue.
- Remove all equipment and food from area that is to be cleaned.
- For floors other than quarry tile: Note that white hazing and blotching may occur on some floors (when in doubt, try a small inconspicuous spot first).
- Do not allow product to come in contact with or remain on: nylon carpet, wood, painted objects, aluminum, polished marble, or terrazzo. If contact does occur, flush with water and wipe dry.

CHEMICAL HAZARD: NEVER USE TREADMATE® QUARRY TILE FLOOR CLEANER WITH BLEACH OR OTHER CHEMICALS.

Chemical Characteristics

Appearance Clear, Blue-Green Liquid
Biodegradable Yes
Corrosive Category (Concentrate) Yes
Corrosive Category (Use Dilution) No
DEA-Free Yes
Fragrance Ocean Breeze
Non-Acid No
Non-Butyl Yes
Non-Flammable Yes
NPE-Free Yes
pH (Concentrate)3.0-3.5
pH (Use Dilution) 5.0-6.0
Phosphate-Free Yes
VOC None

Ingredients

The primary ingredients in TREADMATE® QUARRY TILE FLOOR CLEANER are anionic and nonionic surfactants, glycolic acid, and sequestering agents.



STEARNS PACKAGING CORPORATION

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