

SECTION 1: Identification

Product form : Mixture
Product name : Strip Away Non-Ammoniated Stripp
Product code : 155-9205

Use of the substance/mixture : Floor strip products

American Cleaning Solutions
39-30 Review Avenue
Long Island City, NY 11101
T (718) 392-8080

Emergency number : INFOTRAC: 800-535-5053

SECTION 2: Hazard(s) identification

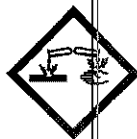
Classification (GHS-US)

Skin Corr. 1A H314 - Causes severe skin burns and eye damage

Full text of H-phrases: see section 16

GHS-US labeling

Hazard pictograms (GHS-US)



GHS05

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) : H314 - Causes severe skin burns and eye damage
Precautionary statements (GHS-US) : P260 - Do not breathe dust/mist/spray
P264 - Wash hands and forearms thoroughly after handling
P280 - Wear protective gloves/eye protection/face protection
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
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
P321 - Specific treatment (see First aid measures on this label)
P363 - Wash contaminated clothing before reuse
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

No additional information available

Not applicable

SECTION 3: Composition/information on ingredients

Not applicable

Strip Away Non-Ammoniated Stripper

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Name | Product identifier | Prioritization | Classification (GHS-US) |
|---|--------------------|----------------|--|
| butyl glycoether | (CAS No) 111-76-2 | 1 - 5 | Flam. Liq. 4, H227 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:gas), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |
| Disodium metasilicate | (CAS No) 6834-92-0 | 1 - 5 | Skin Corr. 1B, H314 STOT SE 3, H335 |
| Potassium Hydroxide, 45%=<conc<50%, aqueous solutions | (CAS No) 1310-58-3 | 1 - 5 | Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 |
| 2-aminoethanol | (CAS No) 141-43-5 | 1 - 5 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Causes severe skin burns and eye damage.

4.3 Information on already initiated medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

- Reactivity : Thermal decomposition generates : corrosive vapors.

5.3 Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- 6.1.1. For non-emergency personnel
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection.

Strip Away Non-Ammoniated Stripper

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.
- Hygiene measures : Wash hands and forearms thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Potassium Hydroxide (45% - conc. 50%, aqueous solutions) (1310-58-3)

| ACGIH | Remark (ACGIH) | URT, eye, & skin irr |
|-------|----------------|----------------------|
|-------|----------------|----------------------|

2-Butoxyethanol (111-76-2)

| ACGIH | ACGIH TWA (ppm) | 20 ppm (2-Butoxyethanol (EBE); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
|-------|------------------------|--|
| ACGIH | Remark (ACGIH) | Eye & URT irr |
| OSHA | OSHA PEL (TWA) (mg/m³) | 240 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 50 ppm |

Ethanolamine (141-43-5)

| ACGIH | ACGIH TWA (ppm) | 3 ppm (Ethanolamine; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
|-------|------------------------|--|
| ACGIH | ACGIH STEL (ppm) | 6 ppm (Ethanolamine; USA; Short time value; TLV - Adopted Value) |
| ACGIH | Remark (ACGIH) | Eye & skin irr |
| OSHA | OSHA PEL (TWA) (mg/m³) | 6 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 3 ppm |

8.2 Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves/eye protection/face protection protective gloves.
- Eye protection : Chemical goggles or face shield.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Wear appropriate mask.
- Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|----------------|---------------------|
| Physical state | : Liquid |
| Color | : Blue |
| Odor | : Butyl |
| Odor threshold | : No data available |
| pH | : 13 |
| Melting point | : No data available |
| Freezing point | : No data available |

Strip Away Non-Ammoniated Stripper

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|---|--|
| Boiling point | : 212 - 220 °F |
| Flash point | : ≥ 200 °F |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Vapor pressure | : No data available |
| Relative density | : 1.04 |
| Relative vapor density at 20 °C | : Same as water |
| Solubility | : Soluble in water. Water: Solubility in water of component(s) of the mixture : *: > 18 g/100ml *: *: *: * |
| Log Pow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |

Other information

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition generates : corrosive vapors.

10.2 Chemical stability

Stable under normal conditions. Not established.

10.3 Possibility of hazardous reactions

Not established.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5 Incompatible materials

Strong acids. Strong bases.

10.6 Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : corrosive vapors.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity : Not classified

Diisobutyl silsesquioxane (6834-92-0)

| | |
|-----------------|--|
| LD50 dermal rat | > 5000 mg/kg body weight (Rat; Read-across; OECD 402: Acute Dermal Toxicity) |
|-----------------|--|

Potassium Hydroxide 25% - <conc> 50% aqueous solutions (1310-58-3)

| | |
|---------------|---------------------------|
| LD50 oral rat | 273 mg/kg (Rat) |
| ATE US (oral) | 273.000 mg/kg body weight |

butyl glycol ether (111-76-2)

| | |
|----------------------------|--|
| LD50 dermal rat | > 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity) |
| LD50 dermal rabbit | 435 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity; 435 mg/kg bodyweight; Rabbit; Weight of evidence; Equivalent or similar to OECD 402) |
| LC50 inhalation rat (mg/l) | 2.17 mg/l/4h (Rat; Experimental value; 2.35 mg/l/4h; Rat; Experimental value) |
| LC50 inhalation rat (ppm) | 450 - 486 ppm/4h 450-486,Rat |
| ATE US (dermal) | 435.000 mg/kg body weight |
| ATE US (gases) | 450.000 ppmV/4h |

Strip Away Non-Ammoniated Stripper

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Butyl glycol ether (111-76-2) | |
|-------------------------------|---------------|
| ATE US (vapors) | 2.170 mg/l/4h |
| ATE US (dust, mist) | 2.170 mg/l/4h |

| 2-aminoethanol (141-43-5) | |
|---------------------------|----------------------------|
| LD50 oral rat | 1720 mg/kg (Rat) |
| LD50 dermal rabbit | 1018 mg/kg (Rabbit) |
| ATE US (oral) | 1720.000 mg/kg body weight |
| ATE US (dermal) | 1018.000 mg/kg body weight |

Skin corrosion/irritation : Causes severe skin burns and eye damage.

pH: 13

Serious eye damage/irritation : Not classified

pH: 13

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

| Butyl glycol ether (111-76-2) | |
|-------------------------------|----------------------|
| IARC group | 3 - Not classifiable |

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

| Disodium metasilicate (6834-92-0) | |
|-----------------------------------|--|
| LC50 fish 1 | 210 mg/l (LC50; Equivalent or similar to OECD 203; 96 h; Brachydanio rerio; Semi-static system; Fresh water; Experimental value) |
| Threshold limit algae 1 | 207 mg/l (EC50; DIN 38412-9; 72 h; Scenedesmus subspicatus; Fresh water) |

| Potassium Hydroxide, 45% - 50% aqueous solutions (1310-58-3) | |
|--|----------------------|
| LC50 fish 2 | 80 mg/l (LC50; 96 h) |

| 2-aminoethanol (141-43-5) | |
|---------------------------|--|
| LC50 fish 1 | 150 mg/l (LC50; 96 h; Salmo gairdneri) |
| EC50 Daphnia 1 | 140 mg/l (EC50; 24 h) |
| Threshold limit algae 2 | 35 mg/l (EC50; 72 h) |

12.2 Persistence and degradability

| Strip Away Non-Ammoniated Stripper | |
|------------------------------------|------------------|
| Persistence and degradability | Not established. |

| Disodium metasilicate (6834-92-0) | |
|-----------------------------------|---|
| Persistence and degradability | Biodegradability: not applicable. No (test) data on mobility of the substance available. Not established. |
| Biochemical oxygen demand (BOD) | Not applicable |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |

| Potassium Hydroxide, 45% - 50% aqueous solutions (1310-58-3) | |
|--|---|
| Persistence and degradability | Biodegradability: not applicable. No (test) data on mobility of the components available. |
| Biochemical oxygen demand (BOD) | Not applicable |

Strip Away Non-Ammoniated Stripper

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|--|---|
| Potassium Hydroxide, 45% - conc < 50%, aqueous solutions (1310-58-3) | |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |
| 100% glycol ether (111-76-2) | |
| Persistence and degradability | Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air. |
| Biochemical oxygen demand (BOD) | 0.71 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 2.20 g O ₂ /g substance |
| ThOD | 2.305 g O ₂ /g substance |
| BOD (% of ThOD) | 0.31 |
| 2-aminoethanol (141-43-5) | |
| Persistence and degradability | Readily biodegradable in water. Biodegradable in the soil. |
| Biochemical oxygen demand (BOD) | 0.80 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 1.34 g O ₂ /g substance |
| ThOD | 2.49 g O ₂ /g substance |
| BOD (% of ThOD) | 0.32 |

| | |
|---|------------------|
| 12.3 Bioaccumulative potential | |
| Strip Away Non-Ammoniated Stripper | |
| Bioaccumulative potential | Not established. |

| | |
|--|---|
| Disodium metasilicate (6881-92-0) | |
| Bioaccumulative potential | Bioaccumulation: not applicable. Not established. |

| | |
|--|----------------------|
| Potassium Hydroxide, 45% - conc < 50%, aqueous solutions (1310-58-3) | |
| Bioaccumulative potential | Not bioaccumulative. |

| | |
|-------------------------------------|--|
| 100% glycol ether (111-76-2) | |
| Log Pow | 0.81 (Experimental value; BASF test; 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| | |
|----------------------------------|----------------------------------|
| 2-aminoethanol (141-43-5) | |
| Log Pow | -1.91 |
| Bioaccumulative potential | Bioaccumulation: not applicable. |

| | |
|-------------------------------------|-------------------|
| 12.4 Mobility in soil | |
| 100% glycol ether (111-76-2) | |
| Surface tension | 0.027 N/m (25 °C) |
| 2-aminoethanol (141-43-5) | |
| Surface tension | 0.050 N/m |

| | |
|-----------------------------------|--|
| 12.5 Other adverse effects | |
| Effect on the global warming | : No known ecological damage caused by this product. |
| Other information | : Avoid release to the environment. |

SECTION 13: Disposal considerations

| | |
|-------------------------------------|---|
| 13.1 Waste treatment methods | |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Ecology - waste materials | : Avoid release to the environment. |

SECTION 14: Transport information

| | |
|---|---|
| Department of Transportation (DOT) | |
| In accordance with DOT | |
| Transport document description | : NA1760 Compounds, cleaning liquid (Contains Potassium Hydroxide), 8, II |

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Air transport
No additional information available

SECTION 15: Regulatory information

Strip Away Non-Ammoniated Stripper

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| | |
|---|---------|
| Sodium metasilicate (6834-92-0) | |
| Not listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Potassium hydroxide (451-801-801), aqueous solutions (1310-56-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Not listed on the United States SARA Section 313 | |
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 1000 lb |
| Butyl glycol ether (111-76-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 2-aminoethanol (141-43-5) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

15.2 International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3 US State regulations

No additional information available

SECTION 16: Other information

Revision date : 04/15/2015

Other information : None.

Full text of H-phrases:

| | |
|-------------------------------|---|
| Acute Tox. 2 (Inhalation:gas) | Acute toxicity (inhalation:gas) Category 2 |
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral) Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 4 | Flammable liquids Category 4 |
| Skin Corr. 1A | Skin corrosion/irritation Category 1A |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H227 | Combustible liquid |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H311 | Toxic in contact with skin |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H330 | Fatal if inhaled |
| H335 | May cause respiratory irritation |

Strip Away Non-Ammoniated Stripper

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating

Health

: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability

: 0 Minimal Hazard - Materials that will not burn

Physical

: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection

: B

B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product