

NeverStrip™
FLOOR COATINGS

NeverStrip Deep Clean™



Section [1] Identification

Product Name: NeverStrip Deep Clean

Manufacturer: NeverStrip Floor Coatings, 9600 Ogden Avenue, La Grange, IL 60525

Information: 800.854.5414

Emergency: 800.424.9300

E-mail: Info@NeverStrip.com

Date Prepared: 01/30/16

Prepared by: NeverStrip Floor Coatings

Section [2] Ingredients and Hazards Identification

Hazardous Components

Component	CAS#	Water%
2-Aminoethanol	141-43-5	5-20%
Sodium Hydroxide	1310-73-2	5-15%
2-Butoxyethanol	111-76-2	5-20%

Varied percentages are shown due to batch variations and/or to protect formula confidentiality. This mixture may contain additional nonhazardous

ingredients not required in this section, and any available exposure limits will be recorded in section 8. None of the compounds contain carcinogens, Prop. 65, SARA 313 listings and are non-hazardous and nonflammable.

Potential Acute Health Effects:

Eyes: Causes eye irritation

Skin: Causes irritation to the skin

Inhalation: Vapors may cause respiratory irritation

Ingestion: May be harmful.

Section [3] Hazard Identification

GHS Symbol(s):



GHS Signal Word: WARNING

The primary routes of entry are eyes, skin and respiratory.

Immediate Health Effects:

Skin Corrosion/Irritation, Category 1A

Acute Toxicity (Oral): Category 4

Eye Damage/Irritation: Category 1

Hazard Pictogram: Corrosion, Exclamation

Signal Word: Danger

Hazard Statement: Causes severe burns and eye damage.

Precautionary Statements: Prevention

Do not breath vapor or mist. Wash immediately if skin or eye contact occurs. Wear protective gloves/clothing/eye wear and face gear.

Response: If Swallowed: Rinse mouth. Do NOT induce vomiting. **If on Skin:** Take off contaminated clothing immediately. Wash skin thoroughly. Wash contaminated clothing before reuse. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call medical doctor or poison control. P310 - Seek medical attention immediately. **If in Eyes:** Rinse with plenty of fresh water for 20 minutes. (remove contact lenses if present).

Skin: Contact with the skin is expected to cause irritation.

Ingestion: May cause headache, dizziness, nausea and vomiting.

Hazardous Material Identification System (HMIS)

Health 1

Fire 0

Reactivity 0

Protection C

C- Safety Glasses, Synthetic Gloves, Synthetic Apron

Section [4] First Aid Measures

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 20 minutes while removing contaminated clothing and shoes. Call medical doctor or poison control center immediately. Get medical attention immediately.

Eye Contact: Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Call medical doctor or poison control center immediately. Get medical attention immediately.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.

Section [5] Fire-Fighting Measures

Basic Firefighting Procedures: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Unusual Fire and Explosion Hazards: No specific fire or explosion hazard.

Section [6] Accidental Release Measures

Refer to Section 8: Exposure Control and Personal Protection

Emergency Action: Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Spill/Leak Procedure: Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed 24-Hour Emergency Phone Number, **CHEMTREC International:** (703) 527-3887 waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and Section 13 for waste disposal.

Notification: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section [7] Handling and Storage

Refer to Section 8: Exposure Control and Personal Protection

Handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Empty containers retain product residue and can be hazardous.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section [8] Exposure Controls/Personal Protection

Component: 2-Aminoethanol CAS#: 141-43-5

ACGIH – 3 ppm TWA, 6 ppm STEL

NIOSH – 3 ppm, 8 mg/m³ TWA, 30 ppm IDLH

OSHA Final PELs – 3 ppm, 6 mg/m³ TWA

OSHA Vacated PELs: 3 ppm, 8 mg/m³ TWA

Component: Sodium Hydroxide CAS#: 1310-73-2

OSHA Permissible Exposure Limit (PEL): 2 mg/m³ Ceiling

ACGIH Threshold Limit value (TLV): 2 mg/m³ Ceiling

Component: 2-Butoxyethanol CAS#: 111-76-2

ACGIH (TWA/TLV): 20 ppm

NIOSH (TWA): 5 ppm

OSHA Skin Designation (TWA): 25 ppm, 120 mg/m³

OSHA Potential for Dermal Absorption (TWA): 50 ppm, 240 mg/m³

Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Eye and Face Protection: Safety eyewear should be used when there is a likelihood of exposure.

Recommended: Chemical splash goggles or face shield.

Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Recommended: Rubber apron and/or long sleeves.

Respiratory Protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Recommended: Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Ensure an MSHA/NIOSH-approved respirator or equivalent is used.

Section [9] Physical and Chemical Properties

Physical State: Liquid

Odor: Mild

Color: Green

Melting/Freezing Point (°F/°C) 0°C: (32°F)

Boiling/condensation point (°F/°C): >100°C (>212°F)

Relative Density: >1

Vapor Density: >1 [Air=1]

Evaporation Rate: <1 (butyl acetate = 1)

Note: Easily soluble in cold and hot water.

Section [10] Stability and Reactivity

Reactivity: Oxidizing materials and alkalis.

Chemical Stability: The product is stable.

Stability/Incompatibility: Highly reactive or incompatible with the following materials: acids and moisture.

Conditions to Avoid: No data

Hazardous Reactions/Decomposition Products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides

Section [11] Toxicological Information

Acute Toxicity:

2-Aminoethanol: LD50 Oral (Rat) = 1720 mg/kg

Sodium Hydroxide: LD50 Oral (Rat) = 273 mg/kg

2-Butoxyethanol: LC50 Inhalation Vapor (Rat) = 450 ppm 4 hours

LD50 Dermal (Rabbit) = 220 mg/kg

LD50 Oral (Rat) = 250 mg/kg

Irritation/Corrosion:

2-Aminoethanol: Eyes - Severe irritant (Rabbit)

Skin: Moderate irritant (Rabbit)

Sodium Hydroxide: Eyes: Moderate irritant (Rabbit) **Skin:** Severe irritant (Rabbit)

Carcinogenicity:

2-Butoxyethanol: ACGIH A3, IARC 3

Section [12] Ecological Information

Ecotoxicity: No known significant effects or critical hazards.

Aquatic ecotoxicity:

2-Aminoethanol:

Acute LC50 >100000 ug/L Marine water Crustaceans - Crangon crangon - Adult 48 hours

Acute LC50 150 mg/L Fresh water Fish - Oncorhynchus mykiss - Yolk-sac fry 96 hours

Sodium Hydroxide:

Acute LC50 80000 ug/L Fresh water Fish - Gambusia affinis - Adult 96 hours

2-Butoxyethanol:

Acute EC50 >1000 mg/L Fresh water Daphnia - Daphnia magna - <24 hours 48 hours

Acute LC50 800000 to 1000000 ug/L Marine water Crustaceans - Crangon crangon 48 hours

Acute LC50 1250000 ug/L Marine water Fish - Menidia beryllina - 40 to 100 mm 96 hours

Chronic NOEC 1000 mg/L Fresh water Daphnia - Daphnia magna - <24 hours 48 hours

Section [13]: Disposal Considerations

Do not reuse empty containers. Containers should be recycled or disposed of at an approved waste facility. Unused product and container should be disposed of according to local, state, and federal regulations at an appropriate facility.

Section [14] Transport Information

DOT Classification:

Proper Shipping Name - CORROSIVE LIQUID,BASIC, INORGANIC,N.O.S. (Sodium Hydroxide)

ORM-D Consumer Commodity. Please refer to 49 CFR 173.54, 203,.241 for details.

UN number – UN3266

Class – 8

Packing Group – III

TDG Classification:

Proper Shipping Name - CORROSIVE LIQUID,BASIC, INORGANIC,N.O.S. (Sodium Hydroxide)

UN number – UN3266

Class – 8

Packing Group – III

Mexico Classification:

Proper Shipping Name - CORROSIVE LIQUID,BASIC, INORGANIC,N.O.S. (Sodium Hydroxide)

UN number – UN3266

Class – 8

Packing Group – III

IMDG Classification:

Proper Shipping Name - CORROSIVE LIQUID,BASIC, INORGANIC,N.O.S. (Sodium Hydroxide)

UN number – UN3266

Class – 8

Packing Group – III

IATA-DGR Classification:

Proper Shipping Name - CORROSIVE LIQUID,BASIC, INORGANIC,N.O.S. (Sodium Hydroxide)

UN number – UN3266

Class – 8

Packing Group – III

Section [15] Regulatory Information

HCS Classification: Toxic material, Corrosive material

Target organ effects:

U.S. Federal regulations

TSCA 8(a) IUR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: 2-Aminoethanol; Sodium Hydroxide; 2-Butoxyethanol

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 2-Aminoethanol: Fire hazard, a immediate (acute) health hazard, Delayed (chronic) health hazard; Sodium Hydroxide: Immediate (acute) health hazard, Delayed (chronic) health hazard; 2-Butoxyethanol: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs): Not Listed

Clean Air Act Section 602 Class I Substances: Not Listed

Clean Air Act Section 602 Class II Substances: Not Listed

DEA List I Chemicals (Precursor Chemicals): Not Listed

DEA List II Chemicals (Essential Chemicals): Not Listed

Sara 313:**Form R – Reporting requirements:** 2-Butoxyethanol, 111-762, >1**Supplier Notification:** 2-Butoxyethanol, 111-762, >1**Massachusetts:** The following components are listed: 2-Aminoethanol; Sodium Hydroxide; 2-Butoxyethanol**New York:** The following components are listed: Sodium Hydroxide**New Jersey:** The following components are listed: 2-Aminoethanol; Sodium Hydroxide; 2-Butoxyethanol**Pennsylvania:** The following components are listed: 2-Aminoethanol; Sodium Hydroxide; 2-Butoxyethanol**California Prop. 65:** No products were found.**WHMIS (Canada):** Class D-1A: Material causing immediate and serious toxic effects (Very toxic).**Class E:** Corrosive material**Canadian NPRI:** The following components are listed: 2-Butoxyethanol**CEPA Toxic substances:** The following components are listed: 2-Butoxyethanol**Canada inventory:** All components are listed or exempted.**Mexico:** Health 3, Flammability 0, Reactivity 0, Special 0**Australia inventory (AICS):** All components are listed or exempted.**China inventory (IECSC):** All components are listed or exempted.**Japan inventory:** All components are listed or exempted.**Korea inventory:** All components are listed or exempted.**New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted.**Philippines inventory (PICCS):** All components are listed or exempted.**Section [16] Other Information****Disclaimer:** The information contained herein is based on the data available to us and is believed to be correct. NeverStrip Floor Coatings makes no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

NeverStrip Floor Coatings assumes no responsibility for injury, loss or damage from the use of the product described.

NeverStrip Floor Coatings, 800.854.5414 www.NeverStrip.com**For Hazardous Materials Incident: Spill, Leak, Fire, Exposure, or Accident****Call CHEMTREC (24 hours) USA and Canada: 800.424.9300**