

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name E-STRIP Floor Stripper

Other means of identification

Product code 119264

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Stripping solution.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

See Distributor information.

Distributor

ECORE International
715 Fountain Avenue
Lancaster, PA 17601

Emergency telephone number

EMERGENCY TELEPHONE Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.


| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |

Label elements

Emergency Overview

WARNING

Hazard statements
Causes skin irritation
Causes serious eye irritation



Appearance Clear Yellow **Physical state** Liquid **Odor** Nondescript

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Call a POISON CENTER or doctor/physician if you feel unwell

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 advice/attention

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Hazards not otherwise classified (HNOC)

No information available

Other Information

Unknown Acute Toxicity 8.63% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION | CAS No. | % | TRADE SECRET |
|--------------------------|----------|-------|--------------|
| Monoethanolamine | 141-43-5 | 1 - 5 | * |
| Benzyl alcohol | 100-51-6 | 1 - 5 | * |
| 2-Amino-2-methylpropanol | 124-68-5 | 1 - 5 | * |

4. FIRST AID MEASURES

First aid measures**General advice**

Call a POISON CENTER or doctor/physician if you feel unwell.

Eye contact

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 advice/attention.

Skin contact

IF ON SKIN: Gently wash with plenty of soap and water. Remove contaminated clothing and launder before reuse. If skin irritation occurs: Get medical advice/ attention.

Inhalation

IF INHALED: Remove to fresh air.

Ingestion

IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed**Symptoms**

No information available.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water fog, carbon dioxide, foam, dry chemical. Do not use a direct stream of water; product will float and can be reignited on surface of water.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None.
 Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas. Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection. Wash thoroughly after handling.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin and eyes. Use personal protection recommended in Section 8. Use only with adequate ventilation. Wash thoroughly after handling. Read and follow label instructions. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Acids. Bases. Oxidizing materials. Reducing agents. Nitrites. Iron. Zinc. Aluminum. Copper.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| PRODUCT COMPOSITION | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------------|---------------------------|---|------------|
| Monoethanolamine 141-43-5 | STEL: 6 ppm TWA: 3 ppm | (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m ³ TWA: 3 ppm TWA: 6 mg/m ³ | 30 ppm |

Appropriate engineering controls

ENGINEERING CONTROLS Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses are recommended to minimize eye contact.

Skin and body protection Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

RESPIRATORY PROTECTION NIOSH approved respirator if spray mist in air causes irritation.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|--------------------------------------|---------------------------|---|--------------------------|
| Physical state | Liquid | Odor | Nondescript |
| Appearance | Clear Yellow | Odor threshold | No information available |
| Color | Light Yellow or Colorless | | |
| Property | Values | Remarks • Method | |
| pH | 10.75 | (10.5 when diluted according to label directions) | |
| Melting point/freezing point | No information available | | |
| Boiling point / boiling range | No information available | | |
| Flash point | - | None to boiling. | |
| Evaporation rate | No information available | | |
| Flammability (solid, gas) | No information available | | |
| Flammability Limit in Air | | | |
| Upper flammability limit: | No information available | | |
| Lower flammability limit: | No information available | | |
| Vapor pressure | No information available | | |
| Vapor density | No information available | | |
| Specific gravity | 0.99 - 1.01 | | |
| Water solubility | No information available | | |
| Solubility in other solvents | No information available | | |
| Partition coefficient | No information available | | |
| Autoignition temperature | No information available | | |
| Decomposition temperature | No information available | | |
| Kinematic viscosity | No information available | | |
| Dynamic viscosity | No information available | | |
| Explosive properties | No information available | | |
| Oxidizing properties | No information available | | |

Other Information

| | |
|---------------------------------|--------------------------|
| Softening point | No information available |
| VOC (EPA METH.24) (G/L): | 65 |
| Density | 8.31 lbs/gal |
| Bulk density | No information available |

10. STABILITY AND REACTIVITY

REACTIVITY

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

CONDITIONS TO AVOID

Extremes of temperature and direct sunlight. High temperatures may cause decomposition.

Incompatible materials

Acids. Bases. Oxidizing materials. Reducing agents. Nitrites. Iron. Zinc. Aluminum. Copper.

Hazardous Decomposition Products

Aldehydes. Ketones and their derivatives. Ammonia. Oxides of Carbon. Oxides of Nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|---|
| Product Information | Serious eye damage/eye irritation. |
| Inhalation | May cause irritation of respiratory tract. |
| Eye contact | Severely irritating to eyes. |
| Skin contact | Causes skin irritation. |
| Ingestion | Large amounts may cause irritation, nausea, diarrhea. |

| PRODUCT COMPOSITION | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------------|----------------------|-------------------------|------------------------|
| Monoethanolamine 141-43-5 | = 1720 mg/kg (Rat) | = 1 mL/kg (Rabbit) | - |
| Benzyl alcohol 100-51-6 | = 1230 mg/kg (Rat) | = 2 g/kg (Rabbit) | = 8.8 mg/L (Rat) 4 h |
| 2-Amino-2-methylpropanol 124-68-5 | = 2900 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | - |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------|---------------------------|
| Sensitization | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive Toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 8.63% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

| | |
|--------------------------------------|-------------|
| ATEmix (oral) | 18499 mg/kg |
| ATEmix (dermal) | 19663 mg/kg |
| ATEmix (inhalation-dust/mist) | 25 mg/l |

12. ECOLOGICAL INFORMATION

Ecotoxicity

5.795% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| PRODUCT COMPOSITION | Algae/aquatic plants | Fish | Crustacea |
|------------------------------|---|---|-------------------------------------|
| Monoethanolamine 141-43-5 | 15: 72 h Desmodesmus subspicatus mg/L EC50 | 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 3684: 96 h Brachydanio rerio mg/L LC50 static 227: 96 h Pimephales promelas mg/L LC50 flow-through 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 114 - | 65: 48 h Daphnia magna mg/L EC50 |

| | | | |
|--------------------------------------|---|---|-----------------------------------|
| | | 196: 96 h Oncorhynchus mykiss mg/L LC50 static | |
| Benzyl alcohol 100-51-6 | - | 460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static | 23: 48 h water flea mg/L EC50 |
| 2-Amino-2-methylpropanol 124-68-5 | 520: 72 h Desmodesmus subspicatus mg/L EC50 | 190: 96 h Lepomis macrochirus mg/L LC50 static | 193: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| PRODUCT COMPOSITION | Partition coefficient |
|------------------------------|-----------------------|
| Monoethanolamine 141-43-5 | -1.91 |
| Benzyl alcohol 100-51-6 | 1.1 |

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DEPT. OF TRANSPORTATION

Proper shipping name

Not Regulated by DOT

TDG

Not Regulated

15. REGULATORY INFORMATION

International Inventories

| | |
|---------------|-----------------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Does not Comply |
| ENCS | Complies |
| IECSC | Complies |
| KECL | Does not Comply |
| PICCS | Complies |
| AICS | Does not Comply |

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|-----|
| ACUTE HEALTH HAZARD | YES |
| CHRONIC HEALTH HAZARD | No |
| FIRE HAZARD | No |
| Sudden release of pressure hazard | No |
| REACTIVE HAZARD | No |

CWA (Clean Water Act)

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)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

| PRODUCT COMPOSITION | NJRTK: | MARTK: | PARTK: |
|--------------------------------------|--------|--------|--------|
| Monoethanolamine 141-43-5 | Listed | Listed | Listed |
| Benzyl alcohol 100-51-6 | | Listed | Listed |
| 2-Amino-2-methylpropanol 124-68-5 | | Listed | Listed |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA

Health hazards 1
 Flammability 0
 Instability 0

Physical and Chemical Properties -

HMIS

Health hazards 1
 Flammability 0
 Physical hazards 0

Personal protection B

Prepared By EH&S DEPARTMENT
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Revision Note

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

***** END OF SDS *****