



SAFETY DATA SHEET

PRODUCTS COMPANY

Green Logic Floor Stripper

Revision Date 2/13/2016

SECTION - 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Green Logic Floor Stripper **Item** GLFS-128

Product Use Wax Floor Stripper

Company Name Core Products Co., Inc. **Office** (800) 825-2673
 401 Industrial Rd **Fax** (903) 567-1346
 Canton TX 75103 **Web** www.coreproductsco.com

EMERGENCY TELEPHONE NUMBER CHEMTREC (800) 424-9300

SECTION - 2 HAZARDS INFORMATION

Physical Hazards CORROSIVE TO METALS-Category 1
Health Hazards EYES-Category 1; SKIN-Category 1B
Environmental CHRONIC-Aquatic Toxicity-Category 4

DANGER May be corrosive to metals
 Causes severe skin burns and eye damage
 May be harmful if swallowed, Do not get in eyes, on skin, or clothing, and avoid inhalation of mist, Do not smoke, eat or drink while using, Use personal protective equipment as required, Wash thoroughly with soap and water after handling, Avoid release into the environment

SECTION - 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

| CHEMICAL NAME | COMMON NAME AND SYNONYMS | CAS # | IMPURITIES | PERCENT |
|------------------|-----------------------------------|----------|------------|---------|
| Monoethanolamine | Ethanolamine, 2-aminoethanol | 141-43-5 | Water <15% | 1 - 14% |
| Glycol Ether DB | Diethylene Glycol Monobutyl Ether | 112-34-5 | | 1 - 15% |

SECTION - 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists obtain medical attention, preferably from an ophthalmologist

SKIN CONTACT Immediately wash contaminated skin with a nonabrasive soap and plenty of water for at least 15 minutes, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists seek medical aid

INHALATION Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Aspiration Hazard Not applicable

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Causes serious eye irritation, discomfort, redness, burning, or pain

Skin Causes serious skin irritation, inflammation, redness, burning, drying, cracking, or possible corrosive burns

Inhalation Mist may cause mild irritation, to respiratory tract

Ingestion May be harmful if swallowed, Causes serious irritation, of the mouth, throat, esophagus, and may affect target organs

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye damage, redness, tearing, burning, severe pain, or corneal injury

Skin Can cause serious skin damage, redness, burning, deep ulcerations, or corrosive burns

Inhalation Mist may cause irritation, to mucus membranes or respiratory tract, Symptoms may include, coughing, wheezing, asthmatic breathing difficulties

Ingestion May be harmful if swallowed, Can cause corrosive burns, of the mouth, throat, esophagus, and gastrointestinal tract, May affect target organs, liver, kidneys

SECTION - 5 FIRE FIGHTING MEASURES

Extinguishing Media Not flammable: Use extinguishing media for surrounding fire

Hazardous Decomposition Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

Reactive With Reactive with, strong oxidizing agents, strong reducing agents, strong acids, nitrates

Explosion Hazards Not applicable

Static Discharge Not applicable

Mechanical Impact Not applicable

Protective Equipment Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|--|
| Emergency Procedures | Warn personnel of spill |
| Personal Precautions | Ventilate area, Avoid slipping on spilled product |
| Protective Equipment | Safety Glasses, Chemical Gloves and Rubber Boots |
| Containment | Use rags, towels, absorbent socks or pads to prevent spill from spreading, Prevent spill from entering the environment |
| Clean Up Procedures | Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water |
| Disposal | Dispose of material in accordance with all State and Federal Guidelines and Regulations |

SECTION – 7 HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Handling | Use appropriate safety equipment, and adequate ventilation, Avoid eye or skin contact and inhalation of mist, vapor or fumes, Wash thoroughly after handling, Avoid release to the environment, Triple rinse container before discarding |
| Storage | KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials |
| Incompatible Materials | Incompatible with, strong oxidizing agents, strong reducing agents, strong acids, nitrates |

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA PEL (TWA 8) | OSHA (CEIL) | Significant Exposure |
|------------------|---------------|--------------|------------------------------|-------------------------------|----------------------|
| Glycol Ether DB | 10 ppm | | | | EI |
| Monoethanolamine | 3 ppm | 6 ppm | 3 ppm (8 mg/m ³) | 6 ppm (15 mg/m ³) | EI,SI |

PERSONAL PROTECTIVE EQUIPMENT

Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



Eye Wash (Recommended)

**Ventilation**

General Ventilation

HMIS HAZARD RATINGS

| | |
|---------------------|---|
| Health | 3 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | B |

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|-----------------------------------|-----------------------------------|---------------|
| Flash Point | > 93.3°C (200°F) - TAG Closed Cup | Specific Gravity / Density | 1.03 |
| Flammable Limits | ND | pH (± 0.3) | 11.0 |
| Auto-Ignition Temp. | ND | Viscosity | ND |
| Physical State | Liquid | Freeze Point | 0°C (32°F) |
| Appearance | Clear | Boiling Point | 100°C (212°F) |
| Odor | Medium | Vapor Density (air=1) | ND |
| Odor Threshold | ND | Vapor Pressure (mm Hg) | ND |
| Solubility | 100% | Evaporation Rate (nBuAc=1) | ND |
| Volatiles | 98.6% | Partition Coefficient | ND |
| VOC | 12.% @ Full Strength | Molecular Weight (g/mol) | ND |
| LVP-VOC | 15.0% @ Full Strength | Decomposition Temperature | ND |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity (Specific Test Data) | None available |
| Chemical Stability | Stable at normal ambient temperature and pressure |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Incompatible materials |
| Incompatible Materials | Incompatible with, strong oxidizing agents, strong reducing agents, strong acids, nitrates |
| Thermal Decomposition | Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes |

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Causes serious eye irritation, discomfort, redness, burning, or pain
Skin Causes serious skin irritation, inflammation, redness, burning, drying, cracking, or possible corrosive burns
Inhalation Mist may cause mild irritation, to respiratory tract
Ingestion May be harmful if swallowed, Causes serious irritation, of the mouth, throat, esophagus, and may affect target organs

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye damage, redness, tearing, burning, severe pain, or corneal injury
Skin Can cause serious skin damage, redness, burning, deep ulcerations, or corrosive burns
Inhalation Mist may cause irritation, to mucus membranes or respiratory tract, Symptoms may include, coughing, wheezing, asthmatic breathing difficulties
Ingestion May be harmful if swallowed, Can cause corrosive burns, of the mouth, throat, esophagus, and gastrointestinal tract, May affect target organs, liver, kidneys

Acute Tox Calculated **Oral:** 6,997 mg/kg **Dermal:** 6,057 mg/kg **Inhaled:** 96.6 mg/L

Acute Tox Category Not applicable (Oral >5000 mg/kg), Not applicable (Dermal >5000 mg/kg), Not applicable (Inhaled >12.5 mg/L) Dust or Mist

Additional Info

Target Organs Kidneys, Liver, Eyes (Lens or cornea), Skin, Upper Respiratory Tract
Medical Conditions Preexisting, eye, skin, liver, kidney, respiratory, disorders may be aggravated by exposure to this product
Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

| <u>CHEMICAL NAME</u> | <u>NTP</u> | <u>ACGIH</u> | <u>IARC</u> | <u>GHS Category</u> |
|----------------------|------------|--------------|-------------|---------------------|
| None Listed | NA | NA | NA | NA |

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

| <u>CHEMICAL NAME</u> | <u>Germ Cell Mutagenicity</u> | <u>Toxic to Reproduction</u> |
|----------------------|-------------------------------|------------------------------|
| None Listed | NA | NA |

COMPONENTS ACUTE TOXICITY

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Form</u> | <u>Subject</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|----------------------|-------------|-------------|----------------|---------------------|----------------------|------------------------|
| Glycol Ether DB | LD50 | Oral | Rat | 7,291 mg/kg | | (>2000 mg/kg) |
| | LD50 | Dermal | Rabbit | 2,764 mg/kg | | (>2000 mg/kg) |
| Ethanolamine | LD50 | Oral | Rat | 1,720 mg/kg | | 4 (>300, ≤2000 mg/kg) |
| | LD50 | Dermal | Rabbit | 1,015 mg/kg | | 4 (>1000, ≤2000 mg/kg) |
| | LC50 | Inhaled | Estimate | 11.59 mg/L | 4 Hours (Vapor) | 4 (>10, ≤20 mg/L) |

SECTION – 12 ECOLOGICAL INFORMATION

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Subject</u> | <u>Subject Latin</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|----------------------|-------------|----------------|-----------------------|---------------------|----------------------|---------------------|
| Glycol Ether DB | LC50 | Fish | (Leuciscus idus) | 1,300 mg/L | 96 Hours | 4 (>100 mg/L) |
| | EC50 | Water Flea | (Daphnia magna) | >100 mg/L | 48 Hours | 4 (>100 mg/L) |
| Monoethanolamine | LC50 | Fathead Minnow | (Pimephales promelas) | 227 mg/L | 96 Hours | 4 (>100 mg/L) |
| | LC50 | Water Flea | (Daphnia magna) | 65 mg/L | 48 Hours | 3 (>10, ≤100 mg/L) |

Persistence And Degradability This product is inherently biodegradable according to the OECD definition

Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur

Mobility In Soil This material is a partially mobile liquid

Other Adverse Effects May cause long lasting harmful effects to aquatic life

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste

CONTAINER DISPOSAL - Triple rinse container then offer for recycling. If not available, puncture and dispose in a sanitary landfill

SECTION – 14 TRANSPORT INFORMATION

DOT CLASSIFICATION

| | | | | | | | |
|---|----------------------|--|----------------------------------|-----------------|-------------------------|---------------------|------------------|
| UN Number | | Proper Shipping Name n.o.s. (Chemicals) or "Limits" | | | | | |
| Ltd Qty | | "Limited Quantity" | | | | | |
| Hazard Class | Packing Group | Label Codes | Reportable Quantity (lbs) | Response | Marine Pollutant | Hazard Label | Secondary |
| None | None | None | None | 154 | No | | |
| Additional Info: Inner packaging not over 5.0 Liters (1.3 gallons) | | | | | | | |

SECTION – 15 REGULATORY INFORMATION

| | | | | |
|----------------------|---------------------------|-----------------------------------|-------------------------------------|--------------------------------------|
| TSCA | | | | |
| CHEMICAL NAME | Sec 8(b) Inventory | Sec 8(d) Health And Safety | Sec 4(a) Chemical Test Rules | Sec 12(b) Export Notification |
| Glycol Ether DB | Yes | | | |
| Ethanolamine | Yes | | | |

| | | | | |
|------------------------------|--------------------------|----------------------------|----------------------------|---------------------------|
| REPORTABLE QUANTITIES | | Extremely Hazardous | Reportable Quantity | Emission Reporting |
| CHEMICAL NAME | EPCRA TPQ Sec 302 | EPCRA RQ Sec 304 | CERCLA RQ Sec 103 | TRI Sec 313 |
| Glycol Ethers | | | | Yes |

| | | | | | | |
|----------------------|---------------------------|--------------------|----------------|----------------------------------|-----------------|-----------------|
| SARA | | Section 311 | | Section 311 / 312 Hazards | | |
| CHEMICAL NAME | Hazardous Chemical | Acute | Chronic | Flammable | Pressure | Reactive |
| Glycol Ether DB | Yes | Yes | Yes | | | |
| Monoethanolamine | Yes | Yes | Yes | | | |

| | | | | | | | | | | | | | |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| RIGHT TO KNOW | | | | | | | | | | | | | |
| STATE | | | | | | | | | | | | | |
| CHEMICAL NAME | CA | CT | FL | IL | LA | NJ | NY | PA | MI | MN | MA | RI | WI |
| Glycol Ether DB | | | | | | | Yes | Yes | | | | | |
| Ethanolamine | | Yes | | Yes | | Yes | | Yes | | Yes | Yes | Yes | |

| | | | | | | | |
|----------------------|--------------|--|--------------------------|-------------------|----------------------|--|--|
| CALIFORNIA | | WARNING! This product contains chemicals known to the state of California to cause: | | | | | |
| CHEMICAL NAME | CAS # | Birth Defects | Reproductive Harm | Carcinogen | Developmental | | |
| None Listed | | | | | | | |

| | | | | | | | |
|-----------------------------|--------------|-----------------------|----------------------|----------------------|-------------------------|-----------|-----------|
| CLEAN AIR WATER ACTS | | Clean Air Acts | | | Clean Water Acts | | |
| CHEMICAL NAME | CAS # | HAP | Ozone Class 1 | Ozone Class 2 | HS | PP | TP |
| None Listed | | | | | | | |

| | | | | | | |
|--|------------------|---------------|------------------------|--------------|--------------|-----------|
| INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries: | | | | | | |
| CHEMICAL NAME | Australia | Canada | Europe (EINECS) | Japan | Korea | UK |
| Glycol Ether DB | Yes | Yes | Yes | Yes | Yes | Yes |

| | | | |
|-----------------------------|------------|--------------|---|
| WHMIS Classification | | | |
| CHEMICAL NAME | DSL | Class | Description |
| Glycol Ether DB | Yes | D-2B | Materials Causing Other Toxic Effects; Toxic Material |
| Monoethanolamine | Yes | E | Corrosive Material |

SECTION – 16 OTHER INFORMATION

SDS **LEGEND DESCRIPTION**

| | | | |
|---------------|---|--------------|--|
| ACGIH | American Conference of Governmental Industrial Hygienists | LC50 | A concentration that is lethal to 50% of a given species in a given time |
| CAS | Chemical Abstracts Service Registry | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CEIL | Ceiling Limit (15 minutes) | LEL | Lower Explosive Limit |
| CERCL | Comprehensive Environmental Response, Compensation, and Liability Act | LD | Liver Damage |
| CI | Cochlear Impairment | NA | Not Applicable |
| CNS | Central Nervous System | ND | Not Determined |
| EC50 | Concentration of a chemical that gives half-maximal response | NFPA | National Fire Protection Association |
| EPA | Environmental Protection Agency | NIOSH | National Institute for Occupational Safety and Health |
| Eye | (EI = Irritation) (ED = Damage) (EV = Visual Impairment) | NE | Not Established |
| FBG | Full Bunker Gear | NTP | National Toxicology Program |
| GHS | Globally Harmonized System | OSHA | Occupational Safety and Health Administration |
| HAP | California Hazardous air pollutant Clean Air Act | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-A | Safety Glasses | PNS | Peripheral Nervous System |
| HMIS-B | Safety glasses, gloves | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-C | Safety glasses, gloves, chemical apron | REL | Recommended exposure limit (NIOSH) |
| HMIS-D | Face shield, gloves, chemical apron | RT | Upper Respiratory Tract |
| HMIS-E | Safety glasses, gloves, dust respirator | Skin | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Lowest concentration that is toxic to a given species in a given time |
| HMIS-I | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) |
| KD | Kidney Damage (nephropathy) | UEL | Upper Explosive Limit |

Core Products Co., Inc.

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