

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name e. Mulsify Low Odor Floor Stripper

Other means of identification

Product Code GS-506

Synonyms None

Details of the supplier of the safety data sheet

Company Name ChemBlend International, LLC
46 Morton Street
Stoughton, MA 02072
(800)464-9872

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

| | |
|-----------------------------------|----------------|
| Acute toxicity - Oral | Not classified |
| Acute toxicity - Dermal | Not classified |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |

Label elements

Emergency Overview

Danger

Hazard statements

Causes skin irritation

Causes serious eye damage



Appearance Clear

Physical state Liquid

Odor Mild amine

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

Specific Treatment (See Section 4 on the SDS)

IF IN EYES: 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

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

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Drink plenty of water

Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Disposal

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

Hazards not otherwise classified (HNOC)**Other Information**

Unknown Acute Toxicity

5.5% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|------------------|----------|----------|--------------|
| Benzyl Alcohol | 100-51-6 | 3-7 | * |
| Monoethanolamine | 141-43-5 | 1-5 | * |
| Diethanolamine | 111-42-2 | <0.1 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures****Skin Contact**

Wash off immediately with plenty of water for at least 15 minutes. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Inhalation

Remove to fresh air.

Ingestion

Clean mouth with water and drink afterwards plenty of water.

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

Any additional important symptoms and effects are described in Section 11: Toxicology Information.

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

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions Do not allow into any storm sewer drains, lakes, streams, ponds, estuaries, oceans or other surface water bodies. Should not be released into the environment. Dispose of according to all local city, state and federal rules and regulations.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

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

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------------|--|---|---|
| Monoethanolamine 141-43-5 | STEL: 6 ppm TWA: 3 ppm | TWA: 3 ppm TWA: 6 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m ³ (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³ | IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³ |
| Diethanolamine 111-42-2 | TWA: 1 mg/m ³ inhalable fraction and vapor S* | (vacated) TWA: 3 ppm (vacated) TWA: 15 mg/m ³ | TWA: 3 ppm TWA: 15 mg/m ³ |

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|---|
| Eye/face protection | Wear safety glasses with side shields (or goggles). Wear a face shield if splashing hazard exists. |
| Skin and body protection | Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. |
| Respiratory protection | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| General Hygiene | 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 |
| Appearance | Clear |
| Color | Colorless to Light Amber |
| Odor | Mild amine |
| Odor threshold | No Information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------------|--|-------------------------|
| pH | 10.5 - 11.5 in concentrate, 9.5 - 10 at use dilution | |
| Specific Gravity | 1.025 | |
| Viscosity | < 25 cP @ 25°C | |
| Melting point/freezing point | No Information available | |
| Flash point | Above 200°F | |
| Boiling point / boiling range | 100 °C / 212 ° F Degrees | |
| Evaporation rate | No Information available | |
| Flammability (solid, gas) | No data available | |
| Flammability Limits in Air | | |
| Upper flammability limit: | No Information available | |
| Lower flammability limit: | No Information available | |
| Vapor pressure | No Information available | |
| Vapor density | No Information available | |
| Water solubility | Complete | |
| Partition coefficient | No Information available | |
| Autoignition temperature | No Information available | |
| Decomposition temperature | No Information available | |

Other Information

| | |
|------------------------|----------------|
| Density Lbs/Gal | Not Applicable |
| VOC Content (%) | 13.24 |

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.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

| | |
|---------------------|---|
| Inhalation | Avoid breathing vapors or mists. May cause irritation of respiratory tract. |
| Eye contact | Avoid contact with eyes. Causes serious eye damage. |
| Skin Contact | Avoid contact with skin. Causes skin irritation. |
| Ingestion | Do not taste or swallow. May cause gastro intestinal irritation. Can burn mouth, throat, and stomach. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------|---|--|------------------------|
| Benzyl Alcohol 100-51-6 | = 1230 mg/kg (Rat) | = 2 g/kg (Rabbit) | = 8.8 mg/L (Rat) 4 h |
| Monoethanolamine 141-43-5 | = 1720 mg/kg (Rat) | = 1000 mg/kg (Rabbit) = 1 mL/kg (Rabbit) | - |
| Diethanolamine 111-42-2 | = 780 mg/kg (Rat) = 620 µL/kg (Rat) | = 11.9 mL/kg (Rabbit) = 7640 µL/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.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|----------------------------|-------|----------|-----|------|
| Diethanolamine 111-42-2 | A3 | Group 2B | - | X |

Reproductive toxicity No Information available.**STOT - single exposure** No Information available.**STOT - repeated exposure** No Information available.**Target organ effects** Central nervous system, EYES, Respiratory system, Skin.**Aspiration hazard** No Information available.**Numerical measures of toxicity - Product Information****Unknown Acute Toxicity** 5.5% 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) 13,571.00

ATEmix (dermal) 14,866.00

ATEmix (inhalation-dust/mist) 14.70

12. ECOLOGICAL INFORMATION**Ecotoxicity**

6% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|----------------|----------------------------------|-------------------------------|-------------------------------|
| Benzyl Alcohol | 35: 3 h Anabaena variabilis mg/L | 460: 96 h Pimephales promelas | 23: 48 h water flea mg/L EC50 |

| | | | |
|------------------------------|--|--|----------------------------------|
| 100-51-6 | EC50 | mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static | |
| Monoethanolamine 141-43-5 | 15: 72 h Desmodemus subspicatus mg/L EC50 | 227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static | 65: 48 h Daphnia magna mg/L EC50 |
| Diethanolamine 111-42-2 | 7.8: 72 h Desmodemus subspicatus mg/L EC50 2.1 - 2.3: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 4460 - 4980: 96 h Pimephales promelas mg/L LC50 flow-through 1200 - 1580: 96 h Pimephales promelas mg/L LC50 static 600 - 1000: 96 h Lepomis macrochirus mg/L LC50 static | 55: 48 h Daphnia magna mg/L EC50 |
| Benzaldehyde 100-52-7 | - | 10.6 - 11.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 12.69: 96 h Oncorhynchus mykiss mg/L LC50 static 6.8 - 8.53: 96 h Pimephales promelas mg/L LC50 flow-through 0.8 - 1.44: 96 h Lepomis macrochirus mg/L LC50 flow-through 7.5: 96 h Lepomis macrochirus mg/L LC50 static | 50: 24 h Daphnia magna mg/L EC50 |

Persistence and degradability

No Information available.

Bioaccumulation

Bioaccumulative potential.

| Chemical Name | Partition coefficient |
|------------------------------|-----------------------|
| Benzyl Alcohol 100-51-6 | 1.1 |
| Monoethanolamine 141-43-5 | -1.91 |
| Diethanolamine 111-42-2 | -2.18 |

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

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

Not regulated

TDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
 DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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 | No |
| 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

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|----------------------------|--------------------------|----------------|---|
| Diethanolamine 111-42-2 | 100 lb | - | RQ 100 lb final RQ RQ 45.4 kg final RQ |

US State Regulations**California Proposition 65**

WARNING: This product can expose you to chemicals including Diethanolamine, which is known to the state of California to cause cancer. For More Information go to www.P65Warnings.ca.gov.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Monoethanolamine 141-43-5 | X | X | X |
| Diethanolamine 111-42-2 | X | X | X |
| Benzaldehyde 100-52-7 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

| | | | | |
|-------------|------------------|----------------|--------------------|--|
| NFPA | Health hazards 2 | Flammability 0 | Instability 0 | Physical and Chemical Properties - Personal protection B |
| HMIS | Health hazards 2 | Flammability 0 | Physical hazards 0 | |

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Revision Note

No Information available

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 Safety Data Sheet