



Safety Data Sheet

Issue Date: 09/29/14

Revision Date: 01/09/16

Version: 1

1. PRODUCT IDENTIFICATION

- 1.1 Product Name:** Floor Stripper Concentrate
Product Number: J105-1
UN: UN 2491
Product Type: Green
- 1.2 Product Use:** Floor Stripper
- 1.3 Manufacturer:**
Name: Mass Cor Industries
Address: 1 Industries Drive
PO Box 188
Norfolk MA 02056
Business Phone: 508 - 850 - 1070
- 1.4 Emergency Phone Numbers:** **800-424-9300 (CHEMTREC 24hrs)**
The CHEMTREC number is to be called only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.
800-222-1222 (Poison Control)

2. HAZARD IDENTIFICATION

- EMERGENCY OVERVIEW:** This product is an amber colored liquid.
Health Hazards: May cause serious eye irritation and damage.
May cause skin irritation.
May cause respiratory irritation.
- Flammability Hazards:** Not determined
- Reactivity Hazards:** None known.
- Environmental Hazards:** Harmful to aquatic life with long lasting effects

GHS Hazard Symbol(s)



Non-Regulated Material
Signal Word: **Danger!**

2.1 GHS Labeling and Hazard Classification:

This product does meet the definition of a hazardous substance or preparation as defined by Health Canada and the OSHA (as described in 29 CFR 1910.1200(d))

Component(s) Contributing to Classification(s)

All Ingredients

2.2 Label Elements:

GHS Hazard Classification(s):	Eye Irritation, Category 1 Skin corrosion/irritation, category 2 Aquatic Toxicity, Acute and Chronic, Category 3
Hazard Statement(s):	Causes serious eye irritation and damage May cause skin irritation and corrosion Harmful to Aquatic life Harmful to aquatic life with long lasting effects
Precautionary Statement(s)	Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection Avoid release to the environment.
Response Statement(s):	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. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs; Get medical advice/attention.
Disposal Statement(s):	Immediately call a poison center or doctor/physician Dispose of contents/container to an approved waste disposal plant
Other Hazard(s):	Harmful to aquatic life with long lasting effects

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Benzyl Alcohol	100-51-6	5-10
Methoxy-3-methyl-1-butanol	56539-66-3	1-5
Ethanolamine	141-43-5	1-5
Tall Oil Fatty Acid	61790-12-3	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

4.1 Description of First-Aid Measure:

Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
Skin Contact:	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention
Inhalation:	Remove to fresh air.
Ingestion:	Clean mouth with water and drink afterwards plenty of water.

4.2 Symptoms and Effects:

Acute and Delayed: May cause irritation and redness

4.3 Recommendations to Physician:

Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

5.1 Fire Extinguishing Material:

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

5.2 Unusual Fire and Explosion Hazards

Not determined

5.3 Special Fire-Fighting Procedures:

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

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as required

6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils

6.3 Spill and Leak Response:

Prevent further leakage or spillage if safe to do so and keep in suitable, closed containers for disposal

7. HANDLING / STORAGE

7.1 Precautions for Safe Handling:

Use personal protection recommended in Section 8. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing vapors or mists.

7.2 Storage and Handling Practices:

Storage conditions: Keep containers tightly closed in a dry, cool and well-ventilated place

Incompatible materials: None known based on information supplied

7.3 Specific End Uses:

Floor Stripper

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Monoethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 3 6 mg/m (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m	IDLH: 30 ppm TWA: 3 ppm 3 TWA: 8 mg/m STEL: 6 ppm 3 STEL: 15 mg/m
Tall Oil Fatty Acids 61790- 12-3	TWA: 5 mg/m ³	TWA: 5 mg/m ³	-
Benzyl Alcohol 100-51-6	-	TWA: 10 ppm	-

8.2 Exposure Controls:

Ventilation and Engineering Controls:

Apply technical measures to comply with the occupational exposure limits

Eye Protection:

Avoid contact with eyes.

Skin / Body Protection:	Wear suitable protective clothing.
Respiratory Protection:	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL / CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

APPEARANCE (Physical State) and COLOR:	Amber colored liquid
ODOR:	Mild
ODOR THRESHOLD:	Not Determined
pH (concentrate):	10.5 – 11.5
pH (dilution):	10.0 – 11.0
MELTING/FREEZING POINT:	Not Determined
BOILING POINT:	Not Determined
FLASH POINT:	Not Determined
EVAPORATION RATE (n-BuAc=1):	Not Determined
FLAMMABILITY (SOLID, GAS):	N/A-Liquid
UPPER/LOWER FLAMMABILITY OR EXLOSION LIMITS:	Not Determined
VAPOR PRESSURE (mm Hg @ 20°C (68°F):	Not Determined
VAPOR DENSITY:	Not Determined
RELATIVE DENSITY:	Not Determined
SPECIFIC GRAVITY:	1.0 g/L
SOLUBILITY IN WATER:	Not Determined
WEIGHT PER GALLON:	Not Determined
PARTITION COEFFICENT (n-octanol/water):	Not Determined
AUTO-IGNITION TEMPERATURE:	Not Determined
DECOMPOSITION TEMPERATURE:	Not Determined
VISCOSITY:	Not Determined
EXPLOSIVE PROPERTIES:	Not Determined
OXIDIZING PROPERTIES:	Not Determined

9.2 OTHER INFORMATION:

No additional data available

10. STABILITY / REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions

10.2 Stability:

Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reaction:

None under normal processing.

10.4 Conditions to Avoid:

Keep out of reach of children.

10.5 Incompatible Materials:

None known based on information supplied

10.6 Hazardous Decomposition Products:

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicology Effects:

Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
Skin Contact:	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention
Inhalation:	Remove to fresh air.
Ingestion:	Clean mouth with water and drink afterwards plenty of water.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Monoethanolamine 141-43-5	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit)	-
Benzyl alcohol 100-51-6	= 1230 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h
Tall Oil Fatty Acid 61790-12-3	= 7600 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-

Symptoms: Please see section 4 of this SDS for symptoms

Suspect Cancer Agent: Not classifiable as a human carcinogen

Numerical measured of toxicity: This mixture has a calculated Acute toxicity estimate (Oral) of 17900 mg/kg

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Monoethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow- through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow- through		65: 48 h Daphnia magna mg/L EC50
Tall Oil Fatty Acid 61790-12-3	1000: 72 h Pseudokirchneriella subcapitata mg/L EC50		EC50 = >10000 mg/L 16 h	>1000 : 84 h Daphnia magna mg/L EC50

Benzyl alcohol 100-51-6	35: 3 h Anabaena variabilis mg/L EC50	460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	23: 48 h water flea mg/L EC50
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12.2 Persistence and Degradability:

Not determined

12.3 Bioaccumulative Potential:

Not determined

12.4 Mobility in Soil:

Chemical Name	Partition Coefficient
Benzyl alcohol 100-51-6	1.1
Monoethanolamine 141-43-5	-1.91
Tall Oil Fatty Acid 61790-12-3	4.89 - 5.98

12.5 Other Adverse Effects:

Not determined

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:**Disposal of Waste:**

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

Contaminated Packaging:

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

California Hazardous Waste Status: None know

14. TRANSPORTATION INFORMATION

Note: Please see current shipping for most up to date shipping information, including exemptions and special circumstances.

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

14.1 UN Identification Number:

UN 2491

14.2 Proper Shipping Name:

Ethanolamine Solutions

14.3 Hazard Class Number and Description:

8

14.4 Packing Group:

III

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

United State Federal Regulations:

SARA 313:

Not Determined

United State, State Regulations:

California Proposition 65

Chemical Name	California Proposition 65
Diethanolamine - 111-42-2*	Carcinogen

US State Right to Know Regulations:

Chemical	New Jersey	Massachusetts	Pennsylvania
Benzyl alcohol 100-51-6	X	X	X
Monoethanolamine 141-43-5	X	X	X
Methoxy-3-methyl-1- butanol	X	-	X

16. OTHER INFORMATION

Issue Date: 09/29/14

DATE OF PRINTING: 01/09/16

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. MassCor assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, MassCor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.