

1. Identification

Product Identifier	Anti-Slip	
Other means of identification		
Product code	MAJC07	
Recommended use	Anti-slip floor treatment	
Recommended restrictions	Professional use only.	
Manufacturer/distributor/supplier/importer information		
Company name	M3 Technologies, Inc.	
Address	57 Lamberts Lane Cohasset, MA 02025	
Telephone	(800) 342-4533	
Emergency phone number	CHEMTREC	(800) 424-9300
	24-hour Emergency	(800) 424-9300

2. Hazard(s) Identification

Physical hazards	Not classified.	
Health hazards	Serious eye damage	Category 1
	Skin irritant	Category 2
Environmental hazards	Not classified.	
OSHA defined hazards	Not listed.	
Label elements		



Signal word	DANGER
Hazard statement	Causes serious eye damage. Causes skin irritation.
Precautionary statement	
Prevention	Wear eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Wear protective gloves.
Response	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/doctor/medical professional. IF ON SKIN: Wash with plenty of water for at least 15 minutes. Specific treatment (see section 4 on the Safety Data Sheet). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Storage	No prescriptive instruction
Disposal	No prescriptive instruction
Hazard(s) not otherwise classified (HNOC)	None.
Supplemental information	None.

3. Composition/information on ingredients

Mixture Component(s)			
Chemical name	CAS number	Purpose	%
Water	7732-18-5	Solvent	80-90%
Tall Oil Acid	61790-12-3	Surfactant	5-10%
Triethanolamine	102-71-6	Anti-Redisposition Agent	0-5%
C9-11 Alcohols Ethoxylated	68439-46-3	Emulsifying Agent	0-5%
Potassium Hydroxide	1310-58-3	Builder	0-5%
Fragrance	Proprietary	Fragrance Ingredient	0-1%
Tetrasodium EDTA	64-02-8	Chelating Agent	0-1%
DMDM Hydantoin	6440-58-0	Preservative	0-1%
Sodium glycolate	2836-32-0	Buffering Agent	<0.1%
Trisodium NTA	5064-31-3	Chelating Agent	<0.1%
Sodium hydroxide	1310-73-2	pH Adjuster	<0.1%
Diethanolamine	111-42-2	Anti-Redeposition Agent	<0.1%
Formaldehyde	50-00-0	Preservative	<0.01%

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention. Eye wash stations should be located in work area.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
Methods and materials for containment and cleaning up	Caution – spillages may be slippery.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly with water to remove residual contamination.

Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Do not release into the open environment (see section 12). Avoid discharge into surface drainage paths and other areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Do not store in extreme temperature conditions.

8. Exposure controls/personal protection

Occupational exposure limits

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Potassium hydroxide	PEL	2 mg/m ³

US ACGIH Threshold Limit Values

Components	Type	Value
Potassium hydroxide	STEL	2 mg/m ³

Biological limit values No information.

Appropriate engineering controls Emergency eye wash stations and showers should be readily accessible. Provide natural or mechanical ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Depending on exposure and use conditions, additional protection may be necessary to prevent skin contact including use of items such as chemical-resistant boots, aprons, arm covers, hoods, coveralls, or encapsulated suits. Suggested protective materials: Nitrile and PVC rubber.

Other

None.

Respiratory protection

Respiratory protection not required for prescribed use of this product

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical State	Liquid.
Color	Amber
Odor	Sassafras
Odor threshold	Not available
pH	12-13
Melting/freezing point	Not available

Initial boiling point and boiling range	>212°F (100°C)
Flash point	>385°F (196°C)
Evaporation rate	Not available.
Flammability	Not available.
Flammability Limits	
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity (water=1)	1.02
Solubility in water	Soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames can cause product to decompose.
Incompatible materials	Strong acids, strong bases, strong oxidizing agents.
Hazardous decomposition products	Aldehydes, ketones, organic acids, carbon dioxide, carbon monoxide.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Corrosive to mucous membranes, will damage tissue if there is prolonged contact.
Inhalation	Expected to be a low inhalation hazard.
Skin contact	Repeated and/or prolonged skin contact may cause irritation and/or burns.
Eye contact	Causes severe eye damage. May cause severe corneal injury.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash. May cause an allergic skin reaction.

Acute toxicity Expected to have a low toxicity.

Product Anti-Slip (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀
Acute	Oral, rat	> 13,000 mg/kg (estimated)
*Estimates for product may be based on additional component data not shown		

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitization Not classified.

Skin sensitization Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not considered a carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not Listed.

Reproductive toxicity Not classified.

Specific target organ toxicity – single exposure Not classified.

Specific target organ toxicity – repeated exposure Not classified.

Aspiration hazard Not considered an aspiration hazard.

12. Ecological information

Ecotoxicity		
Product Anti-Slip (CAS mixture)		
Aquatic	Species	Test Thresholds
Crustacea	Daphnia magna	EC ₅₀ (48-hr): 477 mg/L (estimated)
Fish	Fathead minnow (<i>Pimephales promelas</i>)	LC ₅₀ (96-hr): 203 mg/L (estimated)
*Estimates for product may be based on additional component data not shown		

Persistence and degradability No information.

Bio-accumulative potential No data available. Components are highly water-soluble and not expected to accumulate in dynamic biological systems

Mobility in soil Not available. Chemicals of these classes are highly water soluble and will partition weakly to particles in low-clay soil matrices. They are expected to exhibit moderate to high mobility in saturated and semi-saturated soils

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not release to the environment.

Local disposal regulations Dispose in accordance with all applicable regulations. As packaged, this product may meet criteria defining RCRA corrosive (D002) hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.

Waste from residues/unused product Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (See: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

USDOT Not regulated as dangerous goods.

15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed.

SARA 311/312 Hazard Categories

- Immediate Hazard - Yes
- Delayed Hazard – No
- Fire Hazard – No
- Pressure Hazard – No
- Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

California Proposition 65



WARNING: This product can expose you to chemicals including Diethanolamine, and Formaldehyde, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other information, including date of preparation or last revision

Issue date	6/16/2015		
Revision date	11/9/2020		
Version #	2		
HMIS® ratings	Health: 2 Flammability: 0 Physical hazard: 0	NFPA ratings	Health: 2 Flammability: 0 Instability: 0

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.

Revision information

Update Composition information in compliance with updated standards.