# **SAFETY DATA SHEET**



### 1. Identification

Product Identifier Stone Plus Concentrate

Other means of identification

Product code MAJC08

**Recommended use** Neutral cleaner for stone & grout.

Recommended restrictions

Manufacturer 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

Professional use only.

# 2. Hazard(s) Identification

Physical hazards Not classified.

Health hazardsSkin irritationCategory 3Eye irritationCategory 2A

**Environmental hazards** Not classified. **OSHA defined hazards** Not listed.

**Label elements** 



Signal word Warning

Hazard statement Causes mild skin irritation
Causes serious eye irritation

**Precautionary statement** 

**Prevention** Wash hands and exposed skin thoroughly after handling. Wear eye protection/face

protection.

Response If skin irritation occurs: Get medical advice/attention. 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.

Storage Disposal

Hazard(s) not otherwise classified (HNOC)

None.

Supplemental information

None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	CAS number	%
2-butoxyethanol	111-76-2	1-10
Nonylphenol ethoxylate	127087-87-0	1-3
Other components below reportable levels		40-50

#### 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.

Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do. Get Eve contact

Dermatitis. Rash. Causes skin irritation and serious eye irritation.

medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.

Most important

symptoms/effects, acute and

delayed

Indication of immediate Provide general support measures and treat symptomatically. Keep victim under observation.

Symptoms may be delayed.

medical attention and special treatment needed

**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

Unsuitable extinguishing

media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>)

None known

Specific hazards arising from

the chemical

Special protective equipment and precautions for firefighters

During fire, gases hazardous to health may be formed.

Move containers from fire area if you can do so without risk.

Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.

Use standard firefighting procedures and consider the hazards of other involved materials.

Fire-fighting

Specific methods

equipment/instructions

**General fire hazards** No unusual fire or explosion hazards noted.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.

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, fleece). Clean surface thoroughly to

remove residual contamination.

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

**Environmental precautions** Avoid discharge into 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.

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

## 8. Exposure controls/personal protection

#### **Occupational exposure limits**

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

ComponentsTypeValue2-butoxyethanolPEL50 ppm

**US ACGIH Threshold Limit Values** 

ComponentsTypeValue2-butoxyethanolSTEL20 ppm

#### **Biological limit values**

**ACGIH Biological Exposure Indices** 

ComponentsValueDeterminantSpeciesSampling Time2-butoxyethanol200 mg/gCreatinineUrineEnd of shift.

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** Wear appropriate chemical resistant gloves.

Other None.

**Respiratory protection** Respiratory protection not required.

**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 StateLiquid.ColorColorless.OdorVanilla

Odor threshold Not available.

pH 6-7
Melting/freezing point 32°F (0°C)
Initial boiling point and >212°F (100°C)

boiling range

Flash point >212°F (100°C)
Evaporation rate Not available.
Flammability Not available.

**Flammability Limits** 

Upper Not available.
Lower Not available.
Vapor pressure Not available.

Vapor density Not available.

0.99 Specific gravity Solubility in water Soluble. Not available.

**Partition coefficient** 

(n-octanol/water) **Auto-ignition temperature** 

**Decomposition temperature** 

Not available. Not available. 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 Hazardous polymerization does not occur.

reactions

Viscosity

**Conditions to avoid** Heat, flames

Incompatible materials Reactive metals (e.g. sodium, calcium, zinc) strong acids, oxidizing agents.

**Hazardous decomposition** Carbon monoxide, carbon dioxide.

products

# 11. Toxicological information

Information on likely routes

of exposure

Ingestion May be harmful if swallowed. Do not injest

Inhalation Mist is irritant to respiratory tract.

Skin contact Repeated and/or prolonged skin contact causes skin irritation.

Eye contact Liquid or mist causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Dermatitis. Rash. May cause an allergic skin reaction, skin irritation, serious eye irritation.

**Acute toxicity** Not classified.

**Product Route and Species Test Results** 

Stone Plus Concentrate (CAS mixture)

LD<sub>50</sub>: 10,500 mg/kg estimated **Acute** Oral, rat

Causes mild skin irritation. Skin corrosion/irritation Serious eye damage/ Causes serious eye irritation

irritation

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 Not classified.

- single exposure

Specific target organ toxicity

Not classified.

- repeated exposure

<sup>\*</sup>Estimates for product may be based on additional component data not shown

**Aspiration hazard** 

Not considered an aspiration hazard.

# 12. Ecological information

#### **Ecotoxicity**

Product	Species	Test Results	
Stone Plus Concentrate (CAS mixture)			
Aquatic			
Crustacea	Daphnia magna	EC <sub>50</sub> (48hr):350mg/L estimated	
Fish	Fathead	LD <sub>50</sub> (96hr):150mg/L estimated	

<sup>\*</sup>Estimates for product may be based on additional component data not shown

Persistence and degradability No data available.

Bioaccumulative potential No data available.

Mobility in soil Not available.

Other adverse effects No data 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.

**Local disposal regulations** Dispose in accordance with all applicable regulations

Waste from residues/unused Dispose of in accordance with local r

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

#### DOT

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)

2-butoxyethanol (Glycol Ether Category)

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

 Issue date
 3/3/2015

 Revision date
 3/3/2015

Version # 1

HMIS® ratings Health: 1

Flammability: 0 Physical hazard: 0

NFPA ratings Health: 1

Flammability: 0 Instability: 0

**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** First issue