SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 **Product Identifier**

- **Product Name:** Mar-Tek Pink Magic
- **Product Code:** MTPM

1.2 **Relevant identified uses of the substance or mixture and uses advised against**

- **Use of the substance/mixture:** Industrial/commercial floor care

1.3 **Details of the supplier of the Safety Data Sheet**

- **Manufacturer** Mar-Tek Industries
  301 Industrial Drive
  Forney, Texas 75126
- **Phone:** (469) 350-9401

1.4 **Emergency telephone number**

Chem Tel Inc.
1-800-255-3924

SECTION 2: Hazards Identification

2.1 **Classification of substance of mixtures:**

- **GHS (US) Classification:**

Corrosive to metal	Category 1
Skin corrosion/irritation	Category 1, 1A, 1B,1C
Aquatic Chronic	Category 3

2.2 **GHS Label elements, including precautionary and hazard statements:**

- **Signal word:** **DANGER**
- **Pictogram**

- **Hazard statements:**

H290	May be corrosive to metal
H314	Causes severe skin burns and eye damage.
H412	Harmful to aquatic life with long lasting effects.

- **Precautionary statements:**

Prevention:

P234 Keep on original packaging.
P260 Do not breathe dust or mists.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to environment.

Response:

P390 Absorb spillage to prevent material-leaking.
P301+330+331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P302+361+354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.
P363 Wash contaminated clothing before reuse.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable f for breathing.
P316. Get emergency medical help immediately.
P321 Specific treatment (Refer SDS section 4)
P305+354+338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

P405 Store locked up.
P406 Store in a corrosion resistant container with a resistant inner liner.

Disposal Consideration:

P501 Dispose contents/container in accordance with local, regional, national and international regulations.

SECTION 3: Composition/Information on Ingredients

3.1 **Substance**

- Not applicable

3.2 **Mixture**

2butoxyethanol	CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0	1-5%
Potassium hydroxide	EINECS: 229-912-9 Index number: 014-010-00-8	1-5%
p-mentha-1,8-diene	CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7	< 1,0%

SECTION 4: First Aid Measures

4.1 **Descriptions of first aid measures:**

- **General advice:** Immediately remove any clothing soiled by the product.
  Take affected persons out into the fresh air.
- **If on eyes:** Remove contact lenses if worn, if possible.
  Rinse opened eye for several minutes under running water.
  Then consult a doctor.
- **If on skin (or hair):** Immediately rinse with water.
  If skin irritation continues, consult a doctor.
  Seek immediate medical help for blistering or open wounds.
- **If swallowed:** Rinse out mouth and then drink plenty of water.
  Do not induce vomiting; call for medical help immediately.
- **If inhaled:** Supply fresh air; consult doctor in case of complaints.

4.2 **Most important symptoms and effects, both acute and delayed:**

- Strong caustic effect on skin and mucous membranes.
  Cramp
  Nausea
  Coughing
  Allergic reactions
  Gastric or intestinal disorders.

- **Hazards**
  Danger of gastric perforation.
  Danger of severe eye injury.

4.3 **Indication of any immediate medical attention and special treatment needed:** Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction. If necessary, oxygen respiration treatment. Medical supervision for at least 48 hours

SECTION 5: Fire-fighting measures

5.1 **Extinguishing media:**

- **Suitable extinguishing media:** Use fire extinguishing methods suitable to surrounding
  conditions.
- **Unsuitable extinguishing media:** No data available

5.2 **Specific hazards arising from the chemical:**
Formation of toxic gases is possible during heating or in case of fire.

5.3 **Special protective measures for fire fighters:**
Wear self-contained respiratory protective device.

Wear fully protective suit.
Additional information: No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions:
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
Clean the affected area carefully; suitable cleaners are: Warm water

6.4 **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:
Prevent formation of aerosols.
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.
Information about fire - and explosion protection:
The product is not flammable.

7.2 Conditions for safe storage, including any incompatibilities:

- **Storage:**

Requirements to be met by storerooms and receptacles:
Avoid storage near extreme heat, ignition sources or open flame.
Unsuitable material for receptacle: aluminum.
Unsuitable material for receptacle: glass or ceramic.
Unsuitable material for receptacle: steel.
Information about storage in one common storage facility:
Store away from foodstuffs.
Do not store together with oxidizing and acidic materials.

- **Further information about storage conditions**: Store in cool, dry conditions in well- sealed receptacles.

7.3 **Specific end uses:**
None

SECTION 8: Exposure controls/personal protection

8.1 **Control parameters.**

Ingredients with limit values that require monitoring at the workplace:

111-76-2 2-butoxyethanol	IOELV (EU) Short-term value: 246 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm Skin PEL (USA) Long-term value: 240 mg/m³, 50 ppm Skin REL (USA) Long-term value: 24 mg/m³, 5 ppm Skin TLV (USA) Long-term value: 97 mg/m³, 20 ppm BEI EL (Canada) Long-term value: 20 ppm EV (Canada) Long-term value: 20 ppm Skin
1310-58-3 potassium hydroxide	REL (USA) Ceiling limit: 2 mg/m³ TLV (USA) Ceiling limit: 2 mg/m³ EL (Canada) Short-term value: C 2 mg/m³

Appropriate engineering controls: Ventilation should be provided to control worker exposures. And prevent health risk.

8.2 **Exposure controls:**

- **Personal protective equipment:**

  General protective and hygienic measures:
  The usual precautionary measures are to be adhered to when handling chemicals.
  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing.
  Wash hands before breaks and at the end of work.
  Do not inhale gases / fumes / aerosols.
  Avoid contact with the eyes and skin.

- **Respiratory protection:**
  Not required under normal conditions of use.
  Use suitable respiratory protective device in case of insufficient ventilation.
  Use suitable respiratory protective device when aerosol or mist is formed.
  For spills, respiratory protection may be advisable.

Protection of hands:

Protective gloves

- **Protective gloves**
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration
  times, rates of diffusion and the degradation.
- **Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
  Contact lenses should not be worn.

Safety glasses

Body protection: Alkaline resistant protective clothing

- **Limitation and supervision of exposure into the environment:** No further relevant information available.
- **Risk management measures:** See Section 7 for additional information.
  No further relevant information available.

SECTION 9: Physical and chemical properties

9.1 **Information on basic physical and chemical properties:**

- **Appearance:**
  Form: Liquid
  Colour: Pink
- **Odour:** Citrus.
- **Odour threshold:** Not determined.
- **pH-value at 20 °C:** 13.1
- **Change in condition**
  Melting point/Melting range: Not Determined.
  Boiling point/Boiling range: Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not applicable.

- **Auto/Self-ignition temperature:** Not determined.
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  Lower: Not determined.
  Upper: Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20 °C:** 1,1 g/cm³
- **Relative density:** Not determined.
- **Vapour density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with water:** Soluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  Dynamic: Not determined.
  Kinematic: Not determined.

9.2 **Other information No further relevant information available.**

SECTION 10: Stability and reactivity

10.1 **Reactivity**
10.2 **Chemical stability**
Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.
10.3 **Possibility of hazardous reactions**
Reacts with strong oxidizing agents.
Corrosive action on metals.
Attacks materials containing glass and silicate.
Strong exothermic reaction with acids.
10.4 **Conditions to avoid:** Store away from oxidizing agents.
10.5 **Incompatible materials:** No further relevant information available.
10.6 **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

11.1 **Information on toxicological effects:**

- Acute toxicity:
  LD/LC50 values relevant for classification:
  1310-58-3 potassium hydroxide Oral LD50 273 mg/kg (rat)
  5989-27-5 (R)-p-mentha-1,8-diene Oral LD50 4400 mg/kg (rat)
- **Primary irritant effect:**
  on the skin: Caustic effect on skin and mucous membranes.
  on the eye: Strong caustic effect.

- Sensitization: No sensitizing effects known.
- **Additional toxicological information:**
- **The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:**
  Corrosive
  Irritant
  Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach. At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent

SECTION 12: Ecological information

12.1 <u>Eco-toxicity</u>

- **Aquatic toxicity:** No further relevant information available.

12.2 **Persistence and degradability:** No further relevant information available.

12.3 **Bioaccumulative potential:** Does not accumulate in organisms.

12.4 Mobility in soil No further relevant information available.

- **Ecotoxical effects:**
- Remark: After neutralization a reduction of the harming action may be recognized
  Harmful to fish
- **Additional ecological information:**
  General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
  Must not reach sewage water or drainage ditch undiluted or unneutralized.
  Harmful to aquatic organisms
  Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment cannot be excluded.

12.5 **Results of PBT and vPvB assessment**

- PBT: Not applicable.
- vPvB: Not applicable.

12.6 **Other adverse effects:** No further relevant information available.

SECTION 13: Disposal consideration

13.1 **Waste treatment methods**

- **Recommendation**
  Small amounts may be diluted with plenty of water and washed away.
  Dispose of bigger amounts in accordance with Local Authority requirements. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agents:** Water, if necessary, together with cleansing agents.

SECTION 14: Transportation information

14.1 **Land Transport**
UN1814

14.2 **UN proper shipping name**
DOT Potassium hydroxide, solution

14.3 **Transport hazard class (es)**
DOT
Class 8 Corrosive substances.

Label 8
Packaging II

SECTION 15: Regulatory information

15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)**

- **SARA**
  Section 355 (extremely hazardous substances): None of the ingredients is listed.
  Section 313 (Specific toxic chemical listings): None of the ingredients listed
  TSCA (Toxic Substances Control Act): All ingredients are listed.
- **Proposition 65 (California):** Chemicals known to cause cancer:
  None of the ingredients is listed.
  Chemicals known to cause reproductive toxicity for females:
  None of the ingredients is listed.
  Chemicals known to cause reproductive toxicity for males:
  None of the ingredients is listed.
  Chemicals known to cause developmental toxicity:
  None of the ingredients is listed.
- **Carcinogenic Categories**
  EPA (Environmental Protection Agency)
  111-76-2 2-butoxyethanol NL
  IARC (International Agency for Research on Cancer)
  111-76-2 2-butoxyethanol 3
  5989-27-5 (R)-p-mentha-1,8-diene 3
  TLV (Threshold Limit Value established by ACGIH)
  111-76-2 2-butoxyethanol A3
- Philippines: This product, or the components, is listed or exempt from listing on the
  Philippines Inventory of Chemicals and Chemical Substances (PICCS).

SECTION 16: Other information

16.1 **Revision Date: 10/25/2019**

NFPA ratings (scale 0 - 4)

1 Slight hazard
2 Moderate hazard
3 Serious hazard
4 Severe hazard

HMIS-ratings (scale 0 - 4)

- **Abbreviation and acronyms**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEIL	Ceiling
DOT	Department of Transportation
GHS	Globally Harmonized System
HCS	Hazards Communication Standards
HMIS	Hazardous Materials Identification System
IDLH	Immediate Dangerous to Life or Health
NA	Not Applicable
NE	Not Established
NIOSH	National Institute of Occupational Safety and Health
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Limit
SARA	Superfund amendments and Reauthorization Act
STEL	Short Term Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Material Information System
WEEL	Workplace Environmental Exposure Levels

Disclaimer: Mar-Tek Industries provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This documentation is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

----------END OF SDS-------