



Safety Data Sheet
Revision Date: 10/15/2019

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

Product Name: Deckmate2
Product Code: MTDCKMTE2
Product Use: Heavy duty hard floor surfaces cleaner
Manufacturer: Mar-Tek Industries
Address: 301 Industrial Drive
Forney, Texas 75126
(214) 350-9401
Phone: (800) 255-3924 and +1(813) 248-0585
Emergency Telephone Number
Chem. Tel Inc.

SECTION 2: Hazards Identification

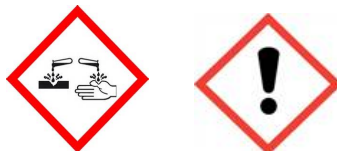
Classification of substance or mixture

GHS Classification: Acute toxicity, oral Category 4
Skin Corrosion/irritation Category I, IA,IB,IC
Eye damage Category I

GHS Label elements, including hazards and precautionary statements:

Signal word: Danger!

Pictogram



Hazard statements: H302 Harmful if swallowed
H314 Causes skin burns and eye damage.
H318 Causes serious eye damage.

Precautionary statements:

Prevention: P264 Wash exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P260 Do not breathe dust or mists.
P280 Wear protective gloves, protective clothing, eye protection and face protection.
Response: P301+317 IF SWALLOWED: Get medical help.
P330 Rinse mouth.

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P302+P361+P354 IF ON SKIN: Take off immediately all contaminated clothing.
Immediately rinse with water for several minutes.
P363 Wash contaminated clothing before reuse.
P304+P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
P316 Get emergency medical immediately.
P321 Specific treatment (Refer SDS section 4)
P305+P354+P338 IF IN EYES: rinse cautiously with water for several
minutes. Remove contact lenses, if present and easy to do. Continue
rinsing.
P317 Get medical help.
Storage P405 Store clocked up.
Disposal P501 Dispose on contents/container to comply with local, state and
federal regulations.

Other hazards not contributing to the classification: None

SECTION 3: Composition/Information on Ingredients

Chemical Name:	Potassium Hydroxide
Common Names:	Caustic potash
CAS No.:	1310-58-3
Content (w/w)	<10%

SECTION 4: First aid measure

Description of first aid measures:

General Advise: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

In case of skin contact: Remove/take off contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER doctor/physician.

If swallowed: Rinse mouth. Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, (both acute or delayed): Causes skin or eye damage

SECTION 5: Fire-fighting measures

Extinguishing media:

Suitable extinguishing media: Foam, dry powder, carbon dioxide, water spray and sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

Advice for fire fighters:

For fighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Special protective measures: Do not enter fire area without proper protective equipment. Use self-contained breathing apparatus and full protective clothing when appropriate including eye protection and boots.

Specific hazards arising from the chemical: Emits toxic fumes.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in section 8. Keep unprotected person away.

Environmental precaution, material containment methods and cleaning up: Do not allow material to enter sewers/surfaces or ground water. Absorb with liquid-binding material (sand, diatomite, acid binders,

universal binders and sawdust). Use neutralizing agent and ensure adequate ventilation. Disposed contaminated material as waste (refer section 13).

SECTION 7: Handling and storage

Precautions for safe handling:

Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking. Provide good ventilation in process area to prevent formation of vapour. Do not breathe mist, vapours and spray.

Storage: Keep only the original container in cool, well-ventilated place away from incompatible materials like (strong acids, sources of ignition and direct sunlight). Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

Engineering controls: Use adequate ventilation to keep airborne concentrations low. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

Component	Exposure Limit	Basis	Entity
Potassium Hydroxide	2mg/m ³	TLV	ACGIH
	2mg/m ³	CEIL	NIOSH

Personal protective equipment

Eye protection:	Chemical goggles or face shield.
Skin/body protection:	Wear suitable protective clothing.
Hand protection:	Wear protective gloves.
Respiratory protection:	Wear appropriate mask.
Other information:	Do not eat, drink or smoke during use of this product.

Personal hygiene: Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard affected clothing, shoes, and/or protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with this product.

SECTION 9: Physical and chemical properties

Appearance	
Physical state:	Liquid
Color:	Clear
Odor:	None
Odor threshold:	Not available
pH:	9-10
Melting point/freezing point:	No data available
Initial boiling point/boiling range:	No data available
Flash point:	o
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Upper/Lower flammability or explosive limits	
Flammability limit-lower (%):	Not available
Flammability limit-upper (%):	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Solubility (ies):	Not available
Specific gravity:	Not available
Partition coefficient	
(n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available

SECTION 10: Stability and reactivity

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: React violently with acids.

Condition to avoid: Direct sunlight, extreme high and low temperature.

Incompatible materials: Strong acids.

Hazardous decomposition: Potassium oxide. Thermal decomposition generates corrosive vapours.

SECTION 11: Toxicological information

Acute toxicity: Not classified

The toxicological information of this mixture has not been established. Toxicological information on components within this mixture is given.

Toxicity to animals

<u>Component</u>	<u>Toxicity</u>
Potassium Hydroxide	Dermal LD 50 -2g/kg (Rabbit) Oral LD 50- 500 to 700mg/kg (Rat)
Skin corrosion/irritation:	Cause severe skin burns and eye damage.
Serious eye damage/irritation:	Causes serious eye damage.
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity (single exposure):	Not classified
(repeated exposure):	Not classified
Aspiration hazards:	Not classified
Symptoms/injuries after eye contact:	Causes serious eye damage.

SECTION 12: Ecological information

Toxicity: Acute fish toxicity (Brachydanio rerio): LC50(90hrs):210mg/l

Acute invertebrates (daphnia magna): EC50 (48hrs): 1700mg/l Alage/cyanobacteria

(Scenedesmus subspicatus): EC50 (72hrs,biomass): 207mg/LEC50 (72hrs growth rate):>345.4mg/L

Bioaccumulative potential: Inorganic, not potential for bioaccumulation

Not classified as PBT or vPvB

Other adverse effects: The alkalinity of this material will have a local effect on ecosystems sensitive to changes in pH.

SECTION 13: Disposal consideration

Waste disposal method: Dispose of all the waste in accordance with all applicable federal, state and local health and environment regulations.

Product containers: it must be disposed in accordance with local, state and federal regulations in a permitted hazardous waste treatment, storage and disposal facility by treatment.

SECTION 14: Transportation information

US Department Of Transportation

Shipping Name:	Potassium hydrogen solution
Hazard Class:	8
UN Number:	1814
Packaging Group:	II
Label statement:	Corrosive Substance
Marine pollutant:	No

SECTION 15: Regulatory information

Regulatory information has not been established for this product or mixtures. Regulatory information on components within this mixture is given.

<u>Component</u>	<u>Regulatory Information</u>
Potassium hydroxide	This product does not contain any toxic or hazardous substance. Combustible liquid (OSHA hazards) Listed (SARA311 and 312) Listed (DSCL) Listed (TSCA) WHMIS Class E: Corrosive Liquid

SECTION 16: Other information

Revision Date:10/15/2019
Revision was made in sections: General revision

NFRA rating



HMIS III Rating

Health	3
Flammability	0
Reactivity	1
Personal Protection	F

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**-----