MALL MAGIC FLOOR CLEANER

1. IDENTIFICATION

Product name : MALL MAGIC FLOOR CLEANER

Product code : 11-12465

Other means of identification : Not available.

Supplier : Wood Wyant
A division of Sani-Marc Group
42, rue de l'Artisan
Victoriaville, Québec
G6P 7E3
1-819-758-1541

Manufacturer : Wood Wyant
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Identified uses : Industrial applications: Floor care product
Approved for use in Food & Beverage plants.

Uses advised against : This product is formulated to be diluted. Do not use undiluted. Read product label before using.

Date of issue (YYYY-MM-DD) : 2019-04-08

In case of emergency : Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)

2. HAZARDS IDENTIFICATION

Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.

Product Classification : SKIN IRRITATION - Category 2
EYE IRRITATION - Category 2A

Signal word : Warning

Hazard pictograms :

Hazard statements : Causes serious eye irritation.
Causes skin irritation.

Precautionary statements

General : Read label before use. Keep out of reach of children.

Prevention : Wash hands thoroughly after handling. Specific protective equipment is suggested for this product. See section 8 for details.

Response : IF ON SKIN: Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. Rinse with water.
IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage : No specific measure needed. See section 7 for more information on handling and storage.

Disposal : No specific measure needed. See section 13 for waste disposal information.

Supplemental label elements : Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 4%

Other hazards which do not result in classification : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Name	CAS number	% (w/w)
Alcohols, C7-21, ethoxylated	68991-48-0	5 - 10
tetrapotassium pyrophosphate	7320-34-5	1 - 5
disodium metasilicate	6834-92-0	1 - 5
potassium hydroxide	1310-58-3	0.1 - 1

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of required first aid measures

Eye contact In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention.

Skin contact In case of irritation, rinse with water. Get medical attention if irritation persist.

Ingestion Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Inhalation Move victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.

Most important symptoms/effects, acute and delayed

Eye contact Adverse symptoms may include the following:
pain or irritation
watering
redness

Skin contact Adverse symptoms may include the following:
irritation
redness

Ingestion No specific symptoms under normal use conditions.

Inhalation No specific symptoms under normal use conditions.

Notes to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products Decomposition products may include the following materials:
phosphorus oxides
metal oxide/oxides

Special fire-fighting procedures Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required.

Personal protection Put on appropriate personal protective equipment (see Section 8).

Cleaning method Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.

Storage and Incompatibility

Store in accordance with local regulations. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials (see Section 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Ingredient name	Exposure limits
potassium hydroxide	**CA Alberta Provincial (Canada, 4/2009). Skin sensitizer.** C: 2 mg/m³ **CA British Columbia Provincial (Canada, 6/2017).** C: 2 mg/m³ **CA Ontario Provincial (Canada, 7/2015).** C: 2 mg/m³ **CA Quebec Provincial (Canada, 1/2014).** STEV: 2 mg/m³ 15 minutes. **CA Saskatchewan Provincial (Canada, 7/2013).** CEIL: 2 mg/m³

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants that could arise from the use if this product.

Individual protection measures

Eye/face protection

It is minimally suggested to wear safety glasses while using or handling this product.

Hands and Body protection

It is suggested to wear chemical-reisitant gloves while using or handling this product.

Respiratory protection

No specific protective equipment required under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid. [Limpid liquid]	**pH**	13.5	**Flash point**	[Product does not sustain combustion.]
Color	Straw.	**Relative density**	1.085	**Melting point**	Not available.
Odor	Odorless.	**Viscosity**	Not available.	**Boiling point**	Not available.
Odor threshold	Not available.	**Vapor pressure**	Not available.	**Fire point** :	Not available.
Solubility in water :	Not available.	**Vapor density** :	Not available.	**Evaporation rate** :	Not available.
Decomposition temperature :	Not available.			**Auto-ignition temperature** :	Not available.
Partition coefficient: n-octanol/ water :	Not available.			**Flammability (solid, gas)** :	Not available.
Lower and upper explosive (flammable) limits :	Not available.				

10. STABILITY AND REACTIVITY

Reactivity

No specific test data related to reactivity available for this product or its ingredients.

Chemical stability

The product is stable.

Incompatible materials

Reactive or incompatible with acids.

Conditions to avoid

No specific data.

Possibility of hazardous reactions

May cause an exothermic reaction in presence of acids.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Route of exposure Routes of entry anticipated: Dermal.
Routes of entry not anticipated: Oral, Inhalation.

	Potential acute health effects	Symptoms
Eye contact	cause eye irritation	Adverse symptoms may include the following: pain or irritation watering redness
Skin contact	May cause skin irritation.	Adverse symptoms may include the following: irritation redness
Ingestion	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.
Inhalation	No known significant effects or critical hazards.	No specific symptoms under normal use conditions.

Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
Alcohols, C7-21, ethoxylated	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
tetrapotassium pyrophosphate	LD50 Dermal	Rabbit	>4640 mg/kg	-
	LD50 Oral	Rat	1001 mg/kg	-
disodium metasilicate	LD50 Oral	Rat	1153 mg/kg	-
potassium hydroxide	LD50 Oral	Rat	273 mg/kg	-

Information on toxicological effects

Mutagenicity No known significant effects or critical hazards.

Teratogenicity No known significant effects or critical hazards.

Developmental effects No known significant effects or critical hazards.

Fertility effects No known significant effects or critical hazards.

Sensitization Not available.

Carcinogenicity No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity data

Product/ingredient name	Result	Species	Exposure
Alcohols, C7-21, ethoxylated	Acute EC50 5.3 mg/l	Daphnia	48 hours
	Acute LC50 70.1 mg/l	Fish	48 hours
disodium metasilicate	Acute EC50 33.53 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 2320 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours
potassium hydroxide	Acute LC50 80 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours

Persistence and degradability : Unknown **Bioaccumulative potential** : Unknown **Mobility in soil** : Unknown **Other adverse effects** : Unknown

13. DISPOSAL CONSIDERATIONS

Disposal methods Dispose content and container in accordance with local, regional and national regulation in force.

14. TRANSPORT INFORMATION

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	TDG Placard
TDG Classification	UN1760	Corrosive liquid, n.o.s. (potassium hydroxide)	8	III	

Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8).

Additional information	See shipping documents for specific information on DOT, IMDG or IATA

15. REGULATORY INFORMATION

Canadian lists

Canadian NPRI	The following components are listed: Phosphorus (total)
CEPA Toxic substances	None of the components are listed.
Canada inventory	All components are listed or exempted.

International lists

United States	Not determined.

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health Hazard	2
Fire Hazard	0
Reactivity	1
Personal Protection	B

Date of issue/Date of revision (YYYY-MM-DD) : 2019-04-08

Prepared by : **Regulatory Affairs Department**

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.