Kimball Midwest Multi-Surface Cleaner

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 5/16/2022 Revision date: 3/13/2025 Supersedes: 3/13/2025 Version: 3.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Kimball Midwest Multi-Surface Cleaner

1.2. Other means of identification

Part numbers : 801550

1.3. Recommended use of the chemical and restrictions on use

Intended for general public
Recommended use : Read label before use.
Restrictions on use : Use per the label directions

1.4. Supplier's details

Distributor
Kimball Midwest
4800 Roberts Rd
Columbus, OH, 43228
United States of America
T 1-800-233-1294
https://www.kimballmidwest.com

1.5. Emergency phone number

Emergency number : Chemtrec 1-800-424-9300

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H320 - Causes eye irritation
Precautionary statements (GHS US) : P102 - Keep out of reach of children.
P103 - Read label before use.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 - If on skin: Wash with plenty of water.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Water	CAS-No.: 7732-18-5	80 - 100*	Not classified
magnesium nitrate	CAS-No.: 10377-60-3	0.005	Ox. Sol. 3, H272
2-Methyl-3(2H)-isothiazolone	CAS-No.: 2682-20-4	0.001	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : None under normal conditions.
Symptoms/effects after skin contact : None under normal conditions.
Symptoms/effects after eye contact : None under normal conditions.
Symptoms/effects after ingestion : None under normal conditions.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	:	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	:	No fire hazard.
Explosion hazard	:	No direct explosion hazard.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment.
Emergency procedures	:	Ventilate spillage area.

For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate unnecessary personnel. Stop leak if safe to do so.
Environmental precautions	:	Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	:	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up	:	Take up liquid spill into absorbent material.
Other information	:	Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	:	Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures	:	Keep in a cool, well-ventilated place away from heat.
Storage conditions	:	Keep cool. Protect from sunlight.
Packaging materials	:	Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropiate engineering controls

Appropriate engineering controls	:	Ensure good ventilation of the work station.
Environmental exposure controls	:	Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid.
Color	:	Colorless clear
Odor	:	characteristic
Odor threshold	:	No data available
pH	:	7 – 8
Melting point	:	> 32 °F
Freezing point	:	No data available
Boiling point	:	≈ 212 °F
Flash point	:	No data available
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	17.5 mm Hg
Relative vapor density at 20 °C	:	< 1
Relative density	:	1.01
Solubility	:	soluble in water. Water: 100 %

Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	3 mm²/s (40 °C)
Explosion limits	:	No data available
Explosive properties	:	Not explosive.
Oxidizing properties	:	Not oxidising.
Particle characteristics	:	No data available

Water	
Particle characteristics	No data available

2-Methyl-3(2H)-isothiazolone	
Particle characteristics	No data available

magnesium nitrate	
Particle characteristics	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

2-Methyl-3(2H)-isothiazolone (2682-20-4)	
ATE US (oral)	100 mg/kg body weight

2-Methyl-3(2H)-isothiazolone (2682-20-4)	
ATE US (dermal)	300 mg/kg body weight
ATE US (dust, mist)	0.05 mg/l/4h

magnesium nitrate (10377-60-3)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 5000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Read-across, Dermal, 14 day(s))

Skin corrosion/irritation : Not classified
pH: 7 – 8

Water (7732-18-5)	
pH	7.6

2-Methyl-3(2H)-isothiazolone (2682-20-4)	
pH	3.87 (25 °C)

magnesium nitrate (10377-60-3)	
pH	7 (Aqueous solution)

Serious eye damage/irritation : Not classified
pH: 7 – 8

Water (7732-18-5)	
pH	7.6

2-Methyl-3(2H)-isothiazolone (2682-20-4)	
pH	3.87 (25 °C)

magnesium nitrate (10377-60-3)	
pH	7 (Aqueous solution)

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Kimball Midwest Multi-Surface Cleaner	
Viscosity, kinematic	3 mm²/s (40 °C)

Water (7732-18-5)	
Viscosity, kinematic	No data available

2-Methyl-3(2H)-isothiazolone (2682-20-4)	
Viscosity, kinematic	No data available

Water (7732-18-5)	
magnesium nitrate (10377-60-3)	
Viscosity, kinematic	No data available

Symptoms/effects after inhalation : None under normal conditions.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : None under normal conditions.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

magnesium nitrate (10377-60-3)	
LC50 - Fish [1]	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Read-across, Lethal)
EC50 - Crustacea [1]	490 mg/l (48 h, Daphnia magna, Fresh water, Read-across)

12.2. Persistence and degradability

Kimball Midwest Multi-Surface Cleaner	
Persistence and degradability	Not rapidly degradable

Water (7732-18-5)	
Persistence and degradability	Not rapidly degradable

2-Methyl-3(2H)-isothiazolone (2682-20-4)	
Persistence and degradability	Not rapidly degradable

magnesium nitrate (10377-60-3)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

12.3. Bioaccumulative potential

magnesium nitrate (10377-60-3)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

magnesium nitrate (10377-60-3)	
Ecology - soil	No (test)data on mobility of the substance available.

12.5. Other adverse effects

	:	
Fluorinated greenhouse gases	:	No

SECTION 13 Disposal considerations

Regional legislation (waste)	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	:	Disposal must be done according to official regulations.
Additional information	:	Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT / IMDG

14.1. UN number

UN-No.(DOT)	:	Not regulated
UN-No. (IMDG)	:	Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT)	:	Not regulated
Proper Shipping Name (IMDG)	:	Not regulated

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

14.4. Packing group

Packing group (DOT)	:	Not regulated
Packing group (IMDG)	:	Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Water	7732-18-5	Present	Active	
2-Methyl-3(2H)-isothiazolone	2682-20-4	Not present	-	
magnesium nitrate	10377-60-3	Not present	-	

15.2. International regulations

CANADA

Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. State regulations

No additional information available

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 3/13/2025

Issue date : 5/16/2022

Full text of hazard classes and H-statements	
H272	May intensify fire; oxidizer
H301	Toxic if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled

Indication of changes:		
Section	**Changed item**	**Comments**
2.1	GHS-US classification	**Modified** recalculated based on recent GHS changes
3	Composition/Information on ingredients	**Modified** updated to reflect current information as of 04/21/2021