



MB-19 Stainless Steel Cleaner

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Trade Name	MB-19 Stainless Steel Cleaner
CAS No.	Mixture

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

Identified Use(s)	Consumer Product / Stainless Steel Wipe
Uses Advised Against	Other than the identified uses indicated above

Details of the supplier of the safety data sheet

Company Identification	MB Stone Care & Supply, LLC 2301 Industrial Park Drive Wilson, NC 27893
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Telephone	1-252-674-1828; M-F 8:00 AM-5:30 PM EST
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Emergency telephone number

Emergency Phone No.	CHEMTREC: 1-800-424-9300 / +1 703-527-3887
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SECTION 2: HAZARDS IDENTIFICATION

Note: This product is a consumer product and, when packaged in consumer packaging, it will be labeled in accordance with the US Consumer Product Safety Commission regulations (16 CFR 1500) which take precedence over OSHA Hazard Communication labeling. Only non-consumer packaging will include the classification and label elements below as required by OSHA 29 CFR 1910.1200 Hazard Communication regulations.

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Skin Sens. 1B
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Label elements

Hazard Symbol(s)

Signal Word(s)

WARNING

Hazard Statement(s)

May cause an allergic skin reaction.

This product will readily ignite and burn when exposed to extreme heat, flame, or other source of ignition.

Precautionary Statement(s)

Avoid breathing mist/vapours/spray.
 Wash hands and exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Contaminated work clothing should not be allowed out of the workplace.
 IF ON SKIN: Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Contaminated clothing should be laundered before reuse.
 Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Other hazards

None

Additional Information

Premoistened Cloth / Towelette. Aspiration hazard not to be expected.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.

Composition/information on ingredients	%W/W	CAS No.	Hazard classification
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	30 - 60	64742-47-8 *	Flam. Liq. 4; H227 Asp. Tox. 1; H304
White Mineral Oil	15 - 40	8042-47-5	Asp. Tox. 1; H304
D-Limonene	1 - 5	5989-27-5	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Asp. Tox. 1; H304 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

Additional Information - *Highly refined hydrocarbon solvent that corresponds to EC# 926-141-6.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation Not normally required.

Skin Contact Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Contaminated clothing should be laundered before reuse.

Eye Contact 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.

Ingestion Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Contains: d-Limonene. May cause an allergic skin reaction.



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Indication of any immediate medical attention and special treatment needed None known.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media Extinguish with carbon dioxide, dry chemical, foam.
 -Unsuitable Extinguishing Media Do not use extinguishing media containing water.

Special hazards arising from the substance or mixture Combustion or thermal decomposition will evolve toxic and irritant vapours.

Advice for fire-fighters Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Wear nitrile gloves.

Environmental precautions Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up Sweep or shovel-up spillage and remove to a safe place.

Reference to other sections None
Additional Information None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Wear nitrile gloves.

Conditions for safe storage, including any incompatibilities

-Storage temperature Ambient temperatures.
 -Incompatible materials Avoid contact with: Strong oxidising agents and strong reducing agents.

Specific end use(s) Consumer Product / Stainless Steel Wipe

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Distillates (petroleum), hydrotreated light	64742-47-8	2000 mg/m ³ (V)	1200 mg/m ³ (V)	----	----	----
White Mineral Oil	8042-47-5	5 mg/m ³ (OM)	5 mg/m ³ (OM)	----	----	----

^(OM) As oil mist, Inhalable fraction; ^(V) As vapor

Exposure controls

Recommended monitoring method NIOSH 1550 (Kerosene), NIOSH 5026 (Oil Mist, Mineral)

Appropriate engineering controls Not normally required.

Personal protection equipment The following to be used as necessary:



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Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear nitrile gloves.

Respiratory protection



Not normally required.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Premoistened Cloth / Towelette
Colour	White
Odour	Citrus
Odour Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	91.7 (197 °F) [Closed cup], liquid component of towelette
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
Explosive limit ranges	Not applicable
Vapour Pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	0.83
Solubility (Water)	Not applicable
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt) @ 40°C	Not applicable
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Incompatible materials
Incompatible materials	None known.
Hazardous decomposition product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours.



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SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact

Information on toxicological effects

Acute toxicity (estimated / calculated)	Oral LD50 >2000 mg/kg-bw (rat)
	Inhalation LC50 > 5 mg/L
	Dermal LD50 >2000 mg/kg-bw (rat)
Skin corrosion/irritation	Not to be expected.
Serious eye damage/irritation	Not to be expected
Respiratory or skin sensitization	Contains: d-Limonene. May cause an allergic skin reaction.
Germ cell mutagenicity	Negative
Carcinogenicity	Negative

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Developmental Toxicity	Not to be expected.
Toxicity for reproduction	Not to be expected.
Other information	None known.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity:

D-Limonene (Cas No. 5989-27-5):

Acute toxicity	LC50 (96 hour) = <1 mg/L (<i>Pimephales promelas</i>) OECD TG 203
	EC50 (48 hour) = 0.307 mg/L (<i>Daphnia magna</i>) OECD TG 202
	EC50 (72 hour) = 0.32 mg/L (<i>Raphidocelis subcapitata</i>) OECD TG 201
Long Term Toxicity	NOEC (8 days) = <1 mg/L (<i>Pimephales promelas</i>) OECD TG 212
	NOEC (21 days) = 0.05 mg/L (<i>Daphnia magna</i>) OECD TG 211
	NOEC (72 hour) = 0.174 mg/L (<i>Raphidocelis subcapitata</i>) OECD TG 201

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

The substance has moderate potential for bioaccumulation.

Mobility in soil

The substance is predicted to have moderate mobility in soil.

Results of PBT and vPvB assessment

Not available.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

In accordance with: DOT 49 CFR 172.102 Special Provision 47; ADR 3.3.1 Special Provision 216; ICAO Special Provision:A46; IATA DGR Special Provision:A46; and IMDG Special Provision 216

<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
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UN number

Proper Shipping Name

Not classified as dangerous for transport.

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for user

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All substances listed and active, or exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories: Refer to SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16

Date of preparation: April 29, 2023

Hazard Statement(s) Listed in: SECTION 3

- H226: Flammable liquid and vapour.
- H227: Combustible liquid.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

Training advice: None.

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