

Microfiber Multi Purpose Cleaner

SAFETY DATA SHEET

SECTION 1: Identification

1.1 Product identifier

Product name Microfiber Multi Purpose Cleaner

1.4 Supplier's details

Name HOSPECO
Address 10966 Industrial Parkway
Bolivar OH 44612

Telephone 330-874-1017

1.5 Emergency phone number(s)

US, Canada: 800-255-3924. International: +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 3
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H226 Flammable liquid and vapor
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage

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Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash exposed areas thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P403+P235	Store in a well-ventilated place. Keep cool.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. PROPYLENE GLYCOL MONOMETHYL ETHER

Concentration	> 5 - < 10 % (weight)
EC no.	203-539-1
CAS no.	107-98-2
Index no.	603-064-00-3

- Flammable liquids, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 3

H226	Flammable liquid and vapor
H336	May cause drowsiness or dizziness

2. Isopropanol

Concentration	> 0 - < 5 % (weight)
EC no.	414-810-0
CAS no.	67-63-0
Index no.	607-403-00-6

- Flammable liquids, Cat. 2
- Eye damage/irritation, Cat. 2A

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- Specific target organ toxicity (single exposure), Cat. 3

H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

3. Dipropylene glycol monomethyl ether

Concentration	> 0 - < 5 % (weight)
EC no.	252-104-2
CAS no.	34590-94-8

- Flammable liquids, Cat. 4

H227	Combustible liquid
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4. Nonionic Surfactant

Concentration	> 0 - < 5 % (weight)
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- Acute toxicity, oral, Cat. 4
- Acute toxicity, inhalation, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled

5. Fragrance

Concentration	> 0 - < 5 % (weight)
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- Aspiration hazard, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Hazardous to the aquatic environment, short-term (acute), Cat. 1
- Flammable liquids, Cat. 3

H226	Flammable liquid and vapor
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

SECTION 4: First-aid measures

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4.1 Description of necessary first-aid measures

General advice	After adequate first aid, no further treatment is required unless symptoms reappear. Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. For specific information refer to the Emergency Overview in Section 2 of this SDS.
If inhaled	If overcome by exposure, remove victim to fresh air immediately.
In case of skin contact	Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water.
In case of eye contact	Flush with lukewarm water for 15 minutes. Immediately flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower lids.
If swallowed	Do not induce vomiting.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use alcohol foam, water spray or fog Use DRY chemicals, CO2, water spray

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Flammable liquid. Release can cause fire or explosion.

6.3 Methods and materials for containment and cleaning up

For large spills, dike and pump into properly labeled containers for reclamation or disposal. For small spills, soak up with absorbent material and place in properly labeled containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed when not in use. Use only non-sparking tools. Properly ground containers before beginning transfer.

7.2 Conditions for safe storage, including any incompatibilities

Store only in tightly closed, properly vented containers away from heat, sparks, open flame and strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Isopropyl alcohol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

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REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 200 ppm, (ST) 400 ppm; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

2. Dipropylene glycol methyl ether (CAS: 34590-94-8 EC: 252-104-2)

PEL (Inhalation): 100 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 100 ppm, (ST) 150 ppm; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Chemical splash goggles and/or face shield should be worn.

Skin protection

Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear green liquid
Odor	Lemon
Odor threshold	No data available
pH	6.5-8.5
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	115F
Evaporation rate	No data available
Flammability (solid, gas)	Flammable
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.00
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	As water
Explosive properties	No data available
Oxidizing properties	No data available

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SECTION 10: Stability and reactivity

10.2 Chemical stability

Stable

10.4 Conditions to avoid

Heat, sparks, open flame, other ignition sources, and oxidizing conditions.

10.5 Incompatible materials

Strong oxidizing agents.

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation

May cause skin irritation

Serious eye damage/irritation

Causes eye irritation

Respiratory or skin sensitization

May cause an allergic skin reaction

SECTION 12: Ecological information

Persistence and degradability

Biodegradable

SECTION 13: Disposal considerations

Disposal of the product

Comply with federal, state, or local regulations for disposal.

Disposal of contaminated packaging

Comply with federal, state, or local regulations for disposal.

SECTION 14: Transport information

DOT (US)

UN Number: Limited Quantity

Class:

Packing Group:

Proper Shipping Name:

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

IMDG

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UN Number: 1993
Class: 3
Packing Group: III
EMS Number:
Proper Shipping Name: flammable liquid (nos glycol ether)

IATA

UN Number: 1993
Class: 3
Packing Group: III
Proper Shipping Name: flammable liquid (nos glycol ether)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components

Common name: PROPYLENE GLYCOL MONOMETHYL ETHER
CAS number: 107-98-2

Pennsylvania Right To Know Components

Chemical name: 2-Propanol, 1-methoxy-
CAS number: 107-98-2

Massachusetts Right To Know Components

Isopropyl alcohol
CAS number: 67-63-0

New Jersey Right To Know Components

Isopropyl alcohol
CAS number: 67-63-0

Pennsylvania Right To Know Components

Isopropyl alcohol
CAS number: 67-63-0

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:
Isopropyl alcohol
CAS number: 67-63-0

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

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California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

New Jersey Right To Know Components

Dipropylene glycol monomethyl ether
CAS number: 34590-94-8

Pennsylvania Right To Know Components

Dipropylene glycol monomethyl ether
CAS number: 34590-94-8

Massachusetts Right To Know Components

Dipropylene glycol monomethyl ether
CAS number: 34590-94-8

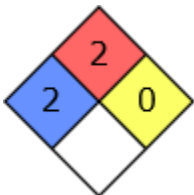
SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

Microfiber Multi Purpose Cleaner	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

This Safety Data Sheet is offered solely for your information, consideration and investigation. There are no warranties, either expressed or implied and no responsibility is assumed for the accuracy or completeness of the data contained herein.