



Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 8-5-2012 Revision date: 31-7-2019 Supersedes: 13-8-2014 version: 2.12

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

1.1. Product identifier

Product form : Mixture
 Product name : Hand Cleaner Plus Yellow
 Product code : 10200

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

1.2.1. Relevant identified uses

Function or use category : Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

MPM International Oil Company
 Cyclotronweg 1
 2629 HN Delft - Nederland
 T +31 (0)15 2514030 - F +31 (0)15 2514031
msds@mpmoil.nl - www.mpmoil.nl

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Demineralised water	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	>= 50	Not classified
Hydrocarbons, C11-C14, n-alkanes, cyclic, <2% aromates	(EC-No.) 926-141-6	<= 25	Asp. Tox. 1, H304
Tall Oil Acid	(CAS-No.) 61790-12-3 (EC Index-No.) 263-107-3	<= 10	Not classified

Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

C12-14 ETHOXYLATED/PROPOXYLATED ALCOHOLS	(CAS-No.) 68439-50-9	<= 5	Not classified
Alcoholen, C9-11, Geëthoxyleerd	(CAS-No.) 68439-46-3	<= 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Glass	(CAS-No.) 60676-86-0 (EC Index-No.) 262-373-8	<= 5	Not classified
POTASSIUM TALLATE	(CAS-No.) 61790-44-1 (EC Index-No.) 263-136-1	<= 5	Not classified
dipentene; limonene	(CAS-No.) 138-86-3 (EC-No.) 205-341-0 (EC Index-No.) 601-029-00-7	<= 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Cristobalite	(CAS-No.) 14464-46-1 (EC Index-No.) 238-455-4	<= 1	STOT RE 1, H372
Neuburger Silieous Earth	(CAS-No.) 1020665-14-8 (EC Index-No.) 310-127-6	<= 0,5	Not classified
2,6-di-tert-butyl-p-cresol	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) 01-2119555270-46	<= 0,5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3-iodo-2-propynyl butylcarbamate	(CAS-No.) 55406-53-6 (EC-No.) 259-627-5	<= 0,5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400
Citrus Aurantium Dulcis Peel Extract	(CAS-No.) 8028-48-6 (EC Index-No.) 232-433-8	<= 0,5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Aloe Barbadosensis Leaf Juice Powder	(CAS-No.) 94349-62-9	<= 0,5	Not classified
PEG-4 RAPESEEDAMIDE	(CAS-No.) 85536-23-8	<= 0,5	Not classified
Tartrazine	(CAS-No.) 1934-21-0 (EC Index-No.) 217-699-5	<= 0,5	Resp. Sens. 1, H334 Skin Sens. 1, H317
2-Bromo-2-nitro-1,3-propanediol	(CAS-No.) 52-51-7 (EC Index-No.) 200-143-0	<= 0,5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Titanium dioxide	(CAS-No.) 13463-67-7 (EC Index-No.) 236-675-5	<= 0,5	Not classified
Sodium Chloride	(CAS-No.) 7647-14-5 (EC Index-No.) 231-598-3	<= 0,5	Not classified
TRIETHANOLAMINE	(CAS-No.) 102-71-6 (EC Index-No.) 203-049-8	<= 0,5	Not classified
Glycerine	(CAS-No.) 56-81-5 (EC Index-No.) 200-289-5	<= 0,5	Not classified
Simmondsia chinensis seed oil	(CAS-No.) 90045-98-0 (EC Index-No.) 289-964-3	<= 0,5	Not classified
Hexyl Cinnamal Aldehyde	(CAS-No.) 101-86-0 (EC Index-No.) 202-983-3	<= 0,001	Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 4: First aid measures

4.1. Description of first aid measures

- After inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- After skin contact : Change contaminated clothing. Take off contaminated clothing and wash it before reuse.
- After eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.
- After ingestion : Do NOT induce vomiting. Get immediate medical advice/attention. If the person is fully conscious, make him/her drink plenty of water. Never give an unconscious person anything to drink.

4.2. Most important symptoms and effects, both acute and delayed

- After inhalation : Not expected to present a significant hazard under anticipated conditions of normal use.
- After skin contact : Not expected to present a significant hazard under anticipated conditions of normal use.
- After eye contact : May cause eye irritation.
- After ingestion : May be harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Other information : Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Absorb remaining liquid in sand or inert absorbent and remove to safe place.

6.4. Reference to other sections

Information on personal protective equipment - see Chapter 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Special rules on packaging : Keep only in original container.

Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2,6-di-tert-butyl-p-cresol (128-37-0)

EU	IOELV TWA (mg/m ³)	10 mg/m ³
Germany	TRGS 910 Acceptable concentration notes	

Additional information : To date, no national limit values exist.

Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

8.2. Exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: gel.
Colour	: Yellow.
Odour	: Pleasant (perfume).
Odour threshold	: No data available
pH	: 9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: 40 °C
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 940 g/l
Solubility	: No data available
Log Pow	: < 3
Viscosity, kinematic	: 1063829,787 mm ² /s
Viscosity, dynamic	: 1000000 mPa·s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 175 g/l
Additional information	: None

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Strong oxidizing agent.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Hydrocarbons, C11-C14, n-alkanes, cyclic, <2% aromates

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 5000 mg/m ³

Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Tall Oil Acid (61790-12-3)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Demineralised water (7732-18-5)	
LD50 oral rat	> 90000 g/kg

2,6-di-tert-butyl-p-cresol (128-37-0)	
LD50 oral rat	890 mg/kg

2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
LD50 oral rat	305 mg/kg
LD50 dermal rat	1600 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0,588 mg/l/4h

TRIETHANOLAMINE (102-71-6)	
LD50 oral rat	5530 mg/kg
LD50 oral	2200 mg/kg Rabbit
LD50 dermal rabbit	> 22,5 g/kg

Glycerine (56-81-5)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	10000 mg/kg
Skin corrosion/irritation	: Not classified pH: 9
Additional information	: Not irritating
Serious eye damage/irritation	: Not classified pH: 9
Additional information	: Not irritating
Respiratory or skin sensitisation	: 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

Hand Cleaner Plus Yellow	
Viscosity, kinematic	1063829,787 mm ² /s

SECTION 12: Ecological information

12.1. Toxicity

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

Tall Oil Acid (61790-12-3)	
EC50 Daphnia 1	1000 mg/l 96 hr zebra fish
EC50 72h algae (1)	855 mg/l 72 hr nitzchia closterium

Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

2,6-di-tert-butyl-p-cresol (128-37-0)

LC50 fish 1	0,199 mg/l
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2-Bromo-2-nitro-1,3-propanediol (52-51-7)

LC50 fish 1	41,2 mg/l Oncorhynchus mykiss 96 h
LC50 fish 2	35,7 mg/l Lopomis macrochirus 96 h
EC50 Daphnia 1	1,6 mg/l Daphnia magna 48 h

TRIETHANOLAMINE (102-71-6)

LC50 fish 1	450 - 1000 mg/l Lepomis macrochirus (Bluegill)
EC50 Daphnia 1	609,98 mg/l Daphnia

12.2. Persistence and degradability

Hand Cleaner Plus Yellow

Persistence and degradability	Biodegradation.
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Tall Oil Acid (61790-12-3)

Biodegradation	74 (≤ 0) % 28 days STURM OECD 301B
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2,6-di-tert-butyl-p-cresol (128-37-0)

Biodegradation	4,5 % @28d
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12.3. Bioaccumulative potential

Hand Cleaner Plus Yellow

Log Pow	< 3
Bioaccumulative potential	Not established.

Tall Oil Acid (61790-12-3)

Log Kow	7,6 at 30 C
Bioaccumulative potential	Bioaccumulative potential.

2,6-di-tert-butyl-p-cresol (128-37-0)

Log Pow	5,1
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12.4. Mobility in soil

Hand Cleaner Plus Yellow

Soil	No information available.
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Tall Oil Acid (61790-12-3)

Surface tension	64 air mN/m at 22 C
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

ADR	IMDG
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name	
Not applicable	Not applicable
14.3. Transport hazard class(es)	
Not applicable	Not applicable
14.4. Packing group	
Not applicable	Not applicable
14.5. Environmental hazards	
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No
No supplementary information available	
14.6. Special precautions for user	
Overland transport No data available	
Transport by sea No data available	
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable	

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 175 g/l

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1

Hand Cleaner Plus Yellow

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Flam. Liq. 3	Flammable liquids, Category 3
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

SDS MPM REACH

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.