

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 1 of 9

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

MENNO H

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

PC39 - Cosmetics, personal care products – Ready to use for hand hygiene using 3 ml several times a daily

1.3. Details of the supplier of the safety data sheet

Company name:	MENNO CHEMIE-VERTRIEB GMBH	
	Germany	
Street:	Langer Kamp 104	
Place:	D-22850 Norderstedt	
Telephone:	+49(0)40/5290667-0	Telefax: +49(0)40/5290667-66
e-mail:	info@menno.de	
Contact person:	Jan Nevermann	
Internet:	www.menno.de	
Responsible Department:	Giftinformationszentrum-Nord (GIZ-NORD), Zentrum für Pharmakologie und Toxikologie, Georg-August-Universität Göttingen, D-37075 Göttingen, Deutschland	
	Tel.: 0551 / 1 92 40	
	Tel.: 0551 / 38 31 8-0 (medical staff)	
	Fax.: 0551 / 38 31 8-81	
	Mail: giznord@giz-nord.de	

1.4. Emergency telephone number:

Tel.: 0551 / 1 92 40

Further Information

The statements made in relation to the physical-chemical properties are not suited for the formulation of specifications.

SECTION 2: Hazards identification – not of relevance under CPD legislation for product declaration**2.1. Classification of the substance or mixture**

Indications of danger: Xi - Irritant
 R phrases:
 Flammable.
 Risk of serious damage to eyes.
 Vapours may cause drowsiness and dizziness.

GHS classification

Hazard categories:
 Flammable liquid: Flam. Liq. 3
 Serious eye damage/eye irritation: Eye Dam. 1
 Specific target organ toxicity - single exposure: STOT SE 3
 Hazard Statements:
 Flammable liquid and vapour.
 Causes serious eye damage.
 May cause drowsiness or dizziness.

2.2. Label elements

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 2 of 9

Hazardous components which must be listed on the label

propan-1-ol; n-propanol
 propan-2-ol; isopropyl alcohol; isopropanol
 Cocamidopropyl Betaine 30% (INCI)
 lauric acid

Signal word: Danger

Hazard statements

H226 Flammable liquid and vapour.
 H318 Causes serious eye damage.
 H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P261 Avoid breathing Vapour/aerosol.
 P233 Keep container tightly closed.
 P271 Use only outdoors or in a well-ventilated area.
 P303+P361+P353 IF ON SKIN (or hair): Remove/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.
 P235 Keep cool.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
200-746-9	propan-1-ol; n-propanol	35 - 40 %
71-23-8	F - Highly flammable, Xi - Irritant R11-41-67	
603-003-00-0	Flam. Liq. 2, Eye Dam. 1, STOT SE 3; H225 H318 H336	
200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	15 - 20 %
67-63-0	F - Highly flammable, Xi - Irritant R11-36-67	
603-117-00-0	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	
292-214-8	Monoethanolammonium-Laurylsulfate 30%	5 - 10 %
4722-98-9	Xi - Irritant R36/38	
	Skin Irrit. 2, Eye Irrit. 2A; H315 H319	
263-058-8	Cocamidopropyl Betaine 30% (INCI)	1 - 5 %
61789-40-0	Xi - Irritant R41	
	Eye Dam. 1; H318	
205-582-1	lauric acid	1 - 5 %
143-07-7	Xi - Irritant R41	
	Eye Dam. 1; H318	

Full text of R and H phrases: see Section 16.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 3 of 9

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off all contaminated clothing immediately.

After inhalation

In case of accident and/or contamination of surround areas. Move to fresh air. Keep patient warm and at rest. Call a POISON CENTER or doctor/physician if you feel unwell.

After contact with skin In case of accident and/or contamination of bigger skin areas than hands and arms, wash off with warm water. Take off all contaminated clothing immediately

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.

After ingestion

If conscious, drink plenty of water. In case of ingestion, the stomach should be emptied by gastric lavage under qualified medical supervision. If a person vomits when lying on his back, place him in the recovery position.

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

See also section 2

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

Aspiration may cause pulmonary oedema and pneumonitis.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons

High volume water jet

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2. Environmental precautions

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). After cleaning, flush away traces with water.

6.4. Reference to other sections

Treat recovered material as described in the section "Disposal considerations". Remove all sources of ignition.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 4 of 9

Advice on safe handling

Keep container tightly closed. Handle and open container with care. Do not spray on a naked flame or any incandescent material.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Keep product and empty container away from heat and sources of ignition. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Jointless smooth floor

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Keep at temperature not exceeding 35 °C.

7.3. Specific end use(s)

See also section 1

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
71-23-8	Propan-1-ol	200	500		TWA (8 h)	WEL
		250	625		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

8.2. Exposure controls**Protective and hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Avoid contact with the skin and the eyes.

Respiratory protection

No personal respiratory protective equipment normally required.
Breathing apparatus needed only when aerosol or mist is formed. : Respirator with combination filter for vapour/particulate (EN 141).

Hand protection

Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.
Unsuitable material : Natural Rubber, PVC

Eye protection

Safety glasses with side-shields

Skin protection

No special protective equipment required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: liquid
Colour: colourless

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 5 of 9

Odour: alcohol-like

Test method

pH-Value (at 20 °C): approx. 5,8

Changes in the physical state

Boiling point: 82 - 100 °C

Flash point: 28,5 °C DIN 51755

Vapour pressure: approx. 40 (calcul. hPa
(at 20 °C)Density (at 20 °C): approx. 0,9 g/cm³

Water solubility: completely miscible

9.2. Other information

Solid content: 1,00 %

Not required

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Incompatible with strong bases and oxidizing agents.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

LD50/oral/rat = approx. > 5.000 mg/kg (Information given is based on data on the components and the toxicology of similar products.)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 6 of 9

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
4722-98-9	Monoethanolammonium-Laurylsulfate 30%				
	oral	LD50	>5000 mg/kg		
61789-40-0	Cocamidopropyl Betaine 30% (INCI)				
	oral	LD50	2335 mg/kg	rat	
	dermal	LD50	>2000 mg/kg	rat	
143-07-7	lauric acid				
	oral	LD50	>5000 mg/kg	rat	

Irritation and corrosivity

Acute dermal irritation/corrosion (Concentrate): No skin irritation

Acute eye irritation/corrosion (Concentrate): Mild eye irritation

Sensitising effects

No sensitisation responses were observed.

Carcinogenic/mutagenic/toxic effects for reproduction

Contains no ingredient listed as a carcinogen

Contains no ingredient listed as a mutagen

SECTION 12: Ecological information

12.1. Toxicity

Ecological injuries are not known or expected under normal use.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
61789-40-0	Cocamidopropyl Betaine 30% (INCI)					
	Acute fish toxicity	LC50	1,1 mg/l	96	Minnow	
	Acute algae toxicity	ErC50	2,4 mg/l	72		
	Acute crustacea toxicity	EC50	1,9 mg/l	48	Daphnia	
143-07-7	lauric acid					
	Acute fish toxicity	LC50	5 mg/l	96	Danio rerio	

12.2. Persistence and degradability

Contained tenside is more than 90% biodegradable.

12.3. Bioaccumulative potential

No data is available on the product itself.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
61789-40-0	Cocamidopropyl Betaine 30% (INCI)	4,2
143-07-7	lauric acid	>1

12.4. Mobility in soil

No data is available on the product itself.

12.5. Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 7 of 9

12.6. Other adverse effects

Ecological injuries are not known or expected under normal use.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal number of waste from residues/unused products

020108 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING; wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing; agrochemical waste containing dangerous substances
Classified as hazardous waste.

Waste disposal number of used product

020108 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING; wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing; agrochemical waste containing dangerous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Contaminated packaging : Clean container with water. Materials can be delivered to a plastics recycling facilities after cleaning.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: 1987
14.2. UN proper shipping name: 1987 - Alcohols, n.o.s. (Isopropanol + n-Propanol, Solution)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3



Classification code: F1
 Special Provisions: 274 + 601
 Limited quantity: 5 litre
 Transport category: 3
 Hazard No: 30
 Tunnel restriction code: (D/E)

Marine transport (IMDG)

14.1. UN number: 1987
14.2. UN proper shipping name: 1987 - Alcohols, n.o.s. (Isopropanol + n-Propanol, Solution)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
 Hazard label: 3

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 8 of 9



Marine pollutant:	NO
Special Provisions:	223 + 274
Limited quantity:	5 litre
EmS:	F-E,S-D

14.5. Environmental hazards

Dangerous for the environment: no

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): Volatile organic compounds (VOC) content : 50,0 %

National regulatory information

Employment restrictions:	Observe employment restrictions for young people.
Water contaminating class (D):	2 - water contaminating

Additional information

Use biocides safely. Always read the label and product information before use.

15.2. Chemical safety assessment

For this mixture a chemical safety assessment has been carried out.

SECTION 16: Other information**Full text of R phrases referred to under Sections 2 and 3**

10	Flammable.
11	Highly flammable.
36	Irritating to eyes.
36/38	Irritating to eyes and skin.
41	Risk of serious damage to eyes.
67	Vapours may cause drowsiness and dizziness.

Full text of H statements referred to under Sections 2 and 3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Further Information

The product is a cosmetic. It is therefore exempt from the labeling obligation determined by the Hazardous Substance Ordinance. We nevertheless recommend that you observe the safety advices given.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

MENNO H

Print date: 24.04.2017

Product code: 5009-GHS

Page 9 of 9

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)