

1. Identification of the substance/preparation and of the company/undertaking**1.1. Product identifier**

Product name: MS Laves

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

[PC35] Washing and cleaning products (including solvent based products)

[ERC5] Industrial use resulting in inclusion into or onto a matrix;

[AC8] Paper articles;

[PC8] Biocidal products (e.g. Disinfectants, pest control);

A mixture of biocidal and emollients impregnated onto non woven wipe fabric

1.3. Details of the supplier of the safety data sheet

Company: Schippers Europe B.V.

Address: Rond Deel 12
5531 AH Bladel, The Netherlands

Tél.: 0031 (0) 497-382017

Fax: 0031 (0) 497-382096

Email: contact.nl@schippers.eu

1.4. Emergency telephone number

Emergency telephone number: 07885 969967

Company: Pluswipes Ltd
24 hours

2. Hazards identification**2.1. Classification of the substance or mixture**

2.1.1. Classification – R10

67/548/EEC: Symbols:

Main hazards: Flammable.

2.1.2. Classification - EC Flam. Liq. 3: H226;
1272/2008

2.2. Label elements**Hazard pictograms****Signal Word**

Warning

Hazard Statement

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Precautionary Statement:

P210 - Keep away from heat/sparks/open flames/hot surfaces.

Prevention

P233 - Keep container tightly closed.

Precautionary Statement:**Response**

P370+P378 - In case of fire: Use alcohol resistant foam, Carbon dioxide (CO₂), Use extinguishing media appropriate to the surrounding fire conditions. for extinction.

Precautionary Statement:**Storage**

P403+P235 - Store in a well-ventilated place. Keep cool.

Precautionary Statement: Disposal

P501 - Dispose of contents/container to a licensed waste disposal company in compliance with local and national regulations in large amounts.

2.3. Other hazards

Other hazards:

This product does not contain any PBT or VPvB substances.

3. Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		20 - 30%	F; R11
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	C; R35
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0		0 - 0.5%	
Chlorhexidine digluconate		18472-51-0	242-354-0		0 - 0.5%	Xi; R36/38 N; R50
2-Methylpropan-2-ol	603-005-00-1	75-65-0	200-889-7		0 - 0.5%	F; R11 Xn; R20 Xi; R36/37

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		20 - 30%	Flam. Liq. 2: H225;
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	Skin Corr. 1A: H314;
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0		0 - 0.5%	
Chlorhexidine digluconate		18472-51-0	242-354-0		0 - 0.5%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Acute 1: H400;
2-Methylpropan-2-ol	603-005-00-1	75-65-0	200-889-7		0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335;

3.2. Mixtures

See section 3.1 for further information.

4. First aid measures

4.1. Description of first aid measures

- Inhalation:** Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist.
- Eye contact:** Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
- Skin contact:** No irritation expected. IF ON SKIN (or hair): Seek medical attention if irritation or symptoms persist.
- Ingestion:** Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

- Inhalation:** No specific symptoms noted.
- Eye contact:** May cause irritation to eyes.
- Skin contact:** No specific symptoms noted.
- Ingestion:** No specific symptoms noted.

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

If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.

5. Fire-fighting measures

5.1. Extinguishing media

Alcohol resistant foam. Carbon dioxide (CO₂). Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for firefighters

No specific fire fighting procedure given

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with the eyes.

Keep away from heat/sparks/open flames/hot surfaces.

Keep container tightly closed.

6.2. Environmental precautions

Due to the products nature it is unlikely to cause an environmental hazard. Do not allow product to reach ground water, water bodies or sewage system enter drains.

6.3. Methods and material for containment and cleaning up

No special measures are necessary. Pick up mechanically

6.4. Reference to other sections

For waste disposal see Section 13.

7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces.

Avoid contact with the eyes

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

No further relevant information available

8. Exposure controls/Personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

2-Methylpropan-2-ol	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m ³ : 308
	WEL 15 min limit ppm: 150	WEL 15 min limit mg/m ³ : 462
Ethanol	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m ³ : 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
PROPANE-1,2-DIOL (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150	WEL 8-hr limit mg/m ³ : 474
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 2

8.2. Exposure controls

8.2.1. Appropriate engineering controls: Keep away from heat/sparks/open flames/hot surfaces. Avoid contact with the eyes. Keep away from foodstuffs and beverages

- 8.2.2. Individual protection measures:** No special precautions require to be mentioned.
- Eye / face protection:** None normally required
- Skin protection – Handprotection:** None normally required
- Respiratory protection:** Not required
- 8.2.3. Environmental exposure controls** Due to the products nature it is unlikely to cause an enviromental hazard.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Fabric wipe impregnated with an aqueous/alcohol blend
Colour	According to product specification
Odeur	Alcoholic
pH	5.5 - 7.5
Flash point	32

9.2. Other information

Specific gravity: Not relevant

10. Stability and reactivity

10.1. Reactivity

Avoid sparks, flames, heat and sources of ignition.

10.2. Chemical stability

Stable under normal conditions. Will not decompose if stored and used as recommended.

10.3. Possibility of hazardous reactions

Strong acids and strong bases. Strong oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames. Do NOT allow to freeze.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Burning may produce irritating, toxic and obnoxious fumes.

11. Toxicological information

11.1. Information on toxicological effects

- Acute toxicity:** Based on available data the classification criteria are not met.
- Skin corrosion/irritation:** Based on available data the classification criteria are not met.
- Serious eye damage/irritation:** May cause irritation to eyes.
- Respiratory or skin sensitization:** Based on available data the classification criteria are not met.
- Germ cell mutagenicity:** No mutagenic effects reported.
- Carcinogenicity:** No carcinogenic effects reported.
- Reproductive toxicity:** No teratogenic effects reported.
- STOT-single exposure:** Not classified as a specific target organ toxicant after a single exposure.
- STOT-repeated exposure:** Not classified as a specific target organ toxicant after repeated exposure.
- Aspiration hazard:** Based on available data the classification criteria are not met.

11.1.4. Toxicological Information

No data available

12. Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No further information available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or VPvB substances.

12.6. Other adverse effects

Not known.

13. Disposal considerations

13.1. Waste treatment methods

Small amounts can be disposed of in household waste. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used for larger amounts. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. Transport information

Hazard pictograms



14.1. UN number

UN1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards No
Marine pollutant No

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)
IMDG	
EmS Code	F-E S-E
IATA	
Packing Instruction (Cargo)	366
Maximum quantity Packing Instruction (Passenger)	220 L
	355
Maximum quantity	60 L

15. Regulatory information

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

Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. Other information

Other information

Text of risk phrases in Section 3

R11 - Highly flammable.
R20 - Harmful by inhalation.
R35 - Causes severe burns.
R36/37 - Irritating to eyes and respiratory system.
R36/38 - Irritating to eyes and skin.
R50 - Very toxic to aquatic organisms.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Acute Tox. 4: H332 - Harmful if inhaled.

Text of Hazard Statements in Section 3

STOT SE 3: H335 - May cause respiratory irritation.

General information

No further information deemed necessary

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This 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 other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his /her own particular use.

