

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
Version 1.0 Revision Date 15.03.2019

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : Moldex Disinfectant Wipe

Product Number : 9981-01

Company name : Moldex-Metric AG & Co.KG

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

Identified uses : Cleaning personal protective equipment (PPE), especially respiratory masks

1.3 Details of the supplier of the safety data sheet

Company : Moldex-Metric AG & Co.KG
Tübingerstr.50
72141 Walddorfhäslach
Germany

Telephone : +49 7127-8101-02

Fax : +49 7127-8101-48

E-mail address : info@moldex-europe.com

1.4 Emergency telephone number

Emergency Phone # : +49 7127-8101-02

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to EU Regulation 1272/2008

2.2 Label elements

Dangerous substances according to EU Regulation 1272/2008

Symbols - not applicable

Contains - non-hazardous ingredients

Risk phrases - none

Safety phrases - P271 use only in well ventilated areas

2.3 Other hazards - none known

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms : Tissue with watery solution of isopropyl alcohol

Formula : C₃H₈O

Molecular Weight : 60,1 g/mol

Ingredients	CAS-No.	EC-No.	Concentration	Classification
Isopropyl alcohol	67-63-0	---	40-50 %	

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Remove person to fresh air. Get medical attention, in case you feel unwell.

Skin contact

Wash off with soap and plenty of water. If signs/ symptoms develop, get medical attention.

Eye contact

Rinse eyes thoroughly with plenty of water. If signs/ symptoms persist, get medical attention.

If swallowed

Rinse mouth with plenty of water. If signs/ symptoms persist, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11.1 Information on toxicological effects

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

5. FIREFIGHTING MEASURES for Fire Class B – liquid or melting substance**5.1 Extinguishing media**

Water (spray – not splash)
Dry extinguishing powder
Carbon dioxide

5.2 Special hazards arising from the substance or mixture

In case of fire, carbon monoxide and carbon dioxide can be released.

5.3 Advice for firefighters

Shut off sources of ignition. Use only explosion proved equipment.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Avoid breathing vapours.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

Clean up residue with water. Keep in suitable, closed original packaging.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

For industrial or professional respiratory mask cleaning only. Do not eat, drink or smoke when using this cleaning wipe. Wash hands thoroughly after handling. Only use in well ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in a clean, cool and dry place. Recommended temperature/ humidity range for storage: -20 to +35°C and <80% RH

7.3 Specific end uses

The 'use by date' is 4 years after production date.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**8.1 Control parameters****Occupational exposure limits**

Recommendation of MAK-Commission: this data is recommended by scientific experience and is not established law: 200 ml/m³ // 500mg/ m³. Duration 15 min., mean; 4 times per shift; interval 1 hour (Source for 8.1: IFA, Gestis substance database)

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands after usage with mild soap and water.

Personal protective equipment

Eye/face protection

None required.

Skin protection

Only short term exposition expectable during normal usage. No need to wear chemical protective gloves.

Respiratory Protection

Under normal handling conditions of this cleaning wipe no breathing protection will be needed. Use in well ventilated areas only.

Main ingredient "Isopropyl alcohol" requires a gas filter A (organic vapors) according to EN 14387 attached to a half mask respirator according to EN 140.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

) Appearance	liquid (tissue saturated with liquid)
) General Physical Form	white cleaning tissue
) Odour	alcohol odour
) Odour threshold	no data available
) pH	no data available
) Melting point/ freezing point	-88°C/no data available
) Initial boiling point / boiling range	82°C/ no data available
) Flash point	12°C
) Evaporation rate	no data available
) Flammability	not applicable
) Explosive limits	not applicable
) Vapour pressure	not applicable
) Vapour density	not applicable
) Relative density	0,78g/cm ³
) Water solubility	entirely mixable with water
) Partition coefficient: n-octanol/water	no data available
) Autoignition temperature	not applicable
) Decomposition temperature	not applicable
) Viscosity	no data available
) Explosive properties	not applicable
) Oxidizing	not applicable

9.2 Other safety information

None known

10. STABILITY AND REACTIVITY

10.1 Reactivity

This material may be reactive with certain agents under certain conditions- see the remaining headings in this section.

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

None known

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

Other decomposition products - not applicable

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

Isopropyl alcohol: LD50 Oral - rat -> 5050 mg/kg

LD50 Dermal -rabbit- > 12800mg/kg

Skin corrosion/irritation

Contact with skin during product use is not expected to result in significant irritation.

Serious eye damage/eye irritation

Contact with eyes during product use is not expected.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

Not mutagenic

Carcinogenicity

Not carcinogenic

Reproductive toxicity

No test data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

Not an aspiration hazard

Signs and Symptoms of Exposure

Potential health effects:

Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.

Ingestion

Physical blockage: Signs/symptoms may include cramping, abdominal pain and constipation.

Gastrointestinal irritation:

Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Skin Contact:

contact to the skin during product use is not expected to result in significant irritation.

Eye Contact:

contact to the eyes during product use is not expected to result in significant irritation.

12. ECOLOGICAL INFORMATION

