

Material Safety Data Sheet
Screen Clean Wipes; ExPoxy Wipes;
Heavy Duty Stencil Wipes
According to 91/155 EC
Printing Date 5/4/00
Reviewed on 5/4/00

1 Identification of substance:

Product details:

Trade name: Screen Clean Wipes: MCC-CDIW

ExPoxy Wipes: MCC-EPXW

Heavy Duty Stencil Wipes: MCC-AXLW

Supplier/Manufacturer:

Micro Care Corporation
34 Ronzo Road
Bristol, CT 06010
United States of America
Tel.: +1-860-585-7912 Fax: +1-860-585-7378

Information department: Product safety department.

Emergency information:

National Poisons Information Center Tel.: +44-171-9555095370

2 Composition/Data on components:

Chemical characterization

Description:

Synthetic presaturated wipes containing the following products:

Dangerous components:

1569-01-3 1-propoxypropan-2-ol^{1), 2), 3)} 10-25 %
Xi; R 36/38

1569-02-4 1-ethoxypropan-2-ol²⁾ 10-25 %
Xi; R 10-36

90622-57-4 mixed aliphatic hydrocarbons³⁾ 10-25 %
Xn; R 65

107-98-2 1-methoxypropan-2-ol²⁾ 2.5-10 %
R 10

141-78-6 ethyl acetate¹⁾ 2.5-10 %
F; R 11

67-63-0 propan-2-ol¹⁾ < 2.5 %
F; R 11

Additional information

- 1) Screen Clean Wipes
- 2) ExPoxy Wipes
- 3) Heavy Duty Stencil Wipes

3 Hazards identification

Hazard description:

Xi Irritant

F Highly flammable

Information pertaining to particular dangers for man and environment

R 11 Highly flammable.

R 36/38 Irritating to eyes and skin.

Classification system

The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data).

4 First aid measures

General information

Immediately remove any clothing soiled by the product.

After inhalation Supply fresh air and to be sure call for a doctor.

After skin contact

Wash with water and soap and rinse with plenty of water.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing

Induce vomiting, only if affected person is fully conscious.

Rinse out mouth and then drink plenty of water.

Seek immediate medical advice.

5 Fire fighting measures

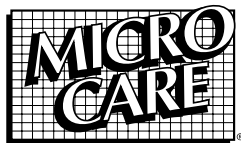
Suitable extinguishing agents

Use fire fighting measures that suit the environment.

Special hazards caused by the material, its products of combustion or resulting gases:

Dangerous decomposition product see chapter 12: stability and reactivity

Protective equipment: No special measures required.



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6 Accidental release measures

Person-related safety precautions: Wear protective clothing.

Measures for environmental protection: No special measures required.

Measures for cleaning/collecting:
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

Handling

Information for safe handling:
Ensure good ventilation/exhaustion at the workplace.

Store in cool, dry place in tightly closed receptacles.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

Storage

Requirements to be met by storerooms and receptacles:

Store cool and dry in a well ventilated area.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Protect from heat and direct sunlight.

Storage class 11 Flammable solids

Class according to regulation on flammable liquids: Void

8 Exposure controls and personal protection

Additional information about design of technical systems:

No further data; see item 7.

Components with limit values that require monitoring at the workplace:

107-98-2 1-methoxypropan-2-ol

OEL: 360 mg/m³, 100 ml/m³

Additional information:

The lists that were valid during the creation were used as basis.

Personal protective equipment General protective and hygienic measures

The usual precautionary measures should be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

Breathing equipment: Not necessary if room is well-ventilated.

Protection of hands: At longer contact: protective gloves

Eye protection: Safety glasses

Body protection: Protective work clothing.

9 Physical and chemical properties:

Form: synthetic, presaturated wipe

Colour: White

Odour: Alcohol-like

Value/Range Unit Method

Change in condition

Melting point/Melting range:

undetermined

Boiling point/Boiling range: undetermined

Flash point: < 55 ° C

Self igniting: Product is not selfigniting.

Danger of explosion:

Product does not present an explosion hazard.

Density:Not determined

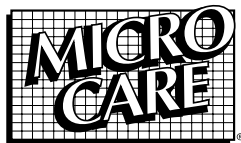
Solubility in / Miscibility with water:

Partly miscible

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.



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Materials to be avoided:

Strong acids
Strong oxidants.
Aldehydes
Acetyl chloride
Halogens
Halogen compounds

Dangerous products of decomposition:

In the case of fire or at high temperatures the formation of the following decomposition products is possible.
Carbon dioxide
Carbon monoxide

11 Toxicological information

Acute toxicity:

LD/LC50 values that are relevant for classification:

90622-57-4 mixed aliphatic hydrocarbons
Dermal: LD50: > 10000 mg/kg (rat)

1569-01-3 1-propoxypropan-2-ol
Dermal: LD50: 3550 mg/kg (rabbit)

141-78-6 ethyl acetate
Oral: LD50: 4935 mg/kg (rabbit)
Inhalative: LC50/4 h: 1600 mg/L (rat)

67-63-0 propan-2-ol
Oral: LD50: 4570 mg/kg (rat)
Dermal: LD50: 13400 mg/kg (rabbit)
Inhalative: LC50/4 h: 30 mg/L (rat)

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

12 Ecological information:

General notes:

Product is a synthetic, presaturated wipe containing the mentioned products. Release to the environment is not very likely.

13 Disposal considerations

Product:

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

14 Transport information

Land transport ADR/RID(cross-border)

ADR/RID class:4.1 Flammable solid substances

Item:4c

Danger code (Kemler):40

UN-Number: 3175

Label:4.1

Description of goods: Solids containing flammable liquid, n.o.s., 1-propoxypropan-2-ol

Maritime transport IMDG:

IMDG Class:4.1

Page:4173-1

UN Number: 3175

Packaging group: II

EMS Number:4.1-06

MFAG:330

Proper shipping name: Solids containing flammable liquid, n.o.s., 1-propoxypropan-2-ol

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 4.1

UN/ID Number: 3175

Packaging group: II

Proper shipping name: Solids containing flammable liquid, n.o.s., 1-propoxypropan-2-ol

15 Regulations

Markings according to EU guidelines:

The product has been marked in accordance with EU Directives / respective national laws.

Code letter and hazard designation of product:

Xi Irritant

F Highly flammable

Hazard-determining components of labelling:

1-propoxypropan-2-ol

1-ethoxypropan-2-ol

Risk phrases:

11 Highly flammable.

36/38 Irritating to eyes and skin.



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Safety phrases:

7/9 Keep container tightly closed and in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National regulations

Classification according to VbF: Void

Technical instructions (air):

Class Share in %

Water hazard class: not applicable

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS:

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