

SDS Report

No. SH9093297/ CHEM

Date: Jun. 10, 2009

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Client's name: Mascot Europe BV
Client's address: De Corantijn 3 1689 AN Zwaag' The Netherlands

SGS Ref No. : SHFDO090505255FD
Product Name: Mascot(Werckmann) industrial cleaing wipes
End Uses: Industrial cleaing
Composition/Ingredient: Alcohol (5.333333%), Decyl glucoside (0.333333%),
Methylchloroithiazolinone (0.000750%),
Methylisothiazolinone (0.000250%), Polysorbate 20
(0.1%), γ -Butyrolactone (2.666667%), Fragrance
(0.053333%), Water (58.179%), Polyethylene
(16.666667%), Polypropylene (16.666667%).

Job Receiving Date: May.19, 2009
Preparation Period: June.2-10, 2009

Service Requested

Safety Data Sheet for the Product

SUMMARY

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EEC.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Sandy Hao
Lab Manager

Safety Data Sheet

Printing date 09.06.2009

Revision: 04.06.2009

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** *Mascot(Werckmann) industrial cleaing wipes*
- **Registration number:** *Not available.*
- **Application of the substance / the preparation:** *Industrial cleaing.*
- **Manufacturer/Supplier:**
Mascot Europe BV
De Corantijn 3 1689 AN Zwaag' The Netherlands
Tel: +31(0)229-284100
Fax: +31(0)229-230272
- **Further information obtainable from:** *Mascot Europe BV*
- **Information in case of emergency:**
Rogier
MP:15918251181
- **Email:** *216@hknbc.com*
- **Reference Number:** *SHFDO090505255FD; SH9093297/CHEM*










2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 10 Flammable.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:**
Mixture of substances listed below with nonhazardous additions.
For the wording of the listed risk phrases refer to section 16.

· Dangerous components:

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5	ethanol  F; R 11	5,333333%
CAS: 96-48-0 EINECS: 202-509-5	gamma-butyrolactone  Xn,  Xi; R 22-36	2,666667%
	Fragrance  Xi; R 36/38	0,053333%
CAS: 26172-55-4 EINECS: 247-500-7	5-chloro-2-methyl-2H-isothiazol-3-one  T,  C,  N; R 23/24/25-34-43-50/53	0,000750%
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one  T,  C; R 24/25-34-43	0,000250%

· Non-dangerous component:

CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	58,179%
CAS: 9002-88-4	Polyethylene	16,666667%
CAS: 9003-07-0	Polypropylene	16,666667%
CAS: 54549-25-6	decyl D-glucoside	0,333333%
CAS: 9005-64-5 NLP: 500-018-3	Sorbitan monolaurate, ethoxylated	0,1%

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· **Remark:**

Ehtanol(CAS NO.64-17-5)

Synonym:Alcohol

5-chloro-2-methyl-2H-isothiazol-3-one(CAS NO.26172-55-4)

Synonym:Methylchloroisothiazolinone

2-methyl-2H-isothiazol-3-one(CAS NO.2682-20-4)

Synonym:Methylisothiazolinone

Sorbitan monolaurate, ethoxylated(CAS NO.9005-64-5)

Synonym:Polysorbate 20

Note:Information of "Fragrance" used in the product comes from the MSDS report offered by the client.

4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:**
Wear fully protective suit.
Mouth respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Do not flush with water or aqueous cleansing agents

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.

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· **Information about storage in one common storage facility:**

- Store away from foodstuffs.
- Store away from flammable substances.
- Do not store together with acids.

· **Further information about storage conditions:**

- Keep container tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection· **Additional information about design of technical facilities:** No further data; see item 7.· **Ingredients with limit values that require monitoring at the workplace:****64-17-5 ethanol (5,333333%)**

WEL (Great Britain)	1920 mg/m ³ , 1000 ppm
PEL (USA)	1900 mg/m ³ , 1000 ppm
REL (USA)	1900 mg/m ³ , 1000 ppm
TLV (USA)	Short-term value: 1880 mg/m ³ , NIC-1000 ppm Long-term value: 1880 mg/m ³ , 1000 ppm NIC-A3

- **DNELs:** Not available.
- **PNECs:** Not available.
- **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment**· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.· **Respiratory protection:** Suitable respiratory protective device recommended.· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties· **General Information**

Form:	Fibres
Colour:	White
Odour:	Lemon

· **Change in condition:****Melting point/Melting range:** Not available.

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Boiling point/Boiling range:	Not available.
· Flash point:	Not available.
· Flammability (solid, gaseous):	Not available.
· Ignition temperature:	Not available.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits:	
Lower:	Not available.
Upper:	Not available.
· Oxidizing properties:	Not available.
· Vapour pressure:	Not available.
· Density:	Not available.
· Relative density:	Not available.
· Vapour density:	Not available.
· Evaporation rate:	Not available.
· Solubility in / Miscibility with:	
water:	Not available.
· pH-value:	Not available.
· Segregation coefficient (n-octanol/water):	Not available.
· Viscosity:	
Dynamic:	Not available.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

64-17-5 ethanol

Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4 h	20000 mg/l (rat)

9005-64-5 Sorbitan monolaurate, ethoxylated

Oral	LD50	36,7mL/kg (rat) >33000mg/kg (mouse)
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96-48-0 gamma-butyrolactone

Oral	LD50	1540 mg/kg (rat)
Dermal	LD50	5000 mg/kg (gui)

- **Primary irritant effect**
- **on the skin:** Irritating effect possible.
- **on the eye:** Irritating effect possible.
- **Sensitization:** Sensitization possible.
- **Additional toxicological information:** Not available.
- **Toxicokinetics, metabolism and distribution:** Not available.

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- **Acute effects (acute toxicity, irritation and corrosivity):** Not available.
- **Repeated dose toxicity:** Not available.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):** Not available.

12 Ecological information

- **Information about elimination (persistence and degradability):** Not available.
- **Behaviour in environmental systems**
- **Mobility and bioaccumulation potential:** Not available.
- **Ecotoxicological effects**
- **Aquatic toxicity:** Not available.
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **PBT assessments:** Not available.

13 Disposal considerations

- **Product**
- **Recommendation:**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Danger code (Kehler):** -
- **UN-Number:** -
- **Packaging group:** -
- **Hazard label:** -
- **Description of goods:** -
- **Limited quantities (LQ):** -
- **Transport category:** -
- **Tunnel restriction code:** -

- **Maritime transport IMDG**
- **IMDG Class:** -
- **UN Number:** -
- **Label:** -
- **Packaging group:** -
- **EMS Number:** -
- **Marine pollutant:** Yes
- **Proper shipping name:** -

- **Air transport ICAO-TI and IATA-DGR**
- **ICAO/IATA Class:** -
- **UN/ID Number:** -
- **Label:** -
- **Packaging group:** -
- **Proper shipping name:** -

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15 Regulatory information· **sera**· **Section 355(extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313(Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA(Toxic Substances Control Act):**

7732-18-5 water, distilled, conductivity or of similar purity

9002-88-4 Polyethylene

9003-07-0 Polypropylene

64-17-5 ethanol

96-48-0 gamma-butyrolactone

9005-64-5 Sorbitan monolaurate, ethoxylated

26172-55-4 5-chloro-2-methyl-2H-isothiazol-3-one

2682-20-4 2-methyl-2H-isothiazol-3-one

· **Proposition 65**· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

64-17-5 ethanol

· **Cancerogenity categories**· **EPA(Environmental Protection Agency):**

None of the ingredients is listed.

· **IARC(International Agency for Research on Cancer):**

9002-88-4 Polyethylene

3

9003-07-0 Polypropylene

3

96-48-0 gamma-butyrolactone

3

· **NTP(National Toxicology Program):**

None of the ingredients is listed.

· **TLV(Threshold Limit Value established by ACGIH):**

64-17-5 ethanol

A4

· **NIOSH-Ca(National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients is listed.

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Risk phrases:**

10 Flammable.

· **Safety phrases:**

2 Keep out of the reach of children.

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- 7/9 *Keep container tightly closed and in a well-ventilated place.*
- 29/56 *Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.*
- 46 *If swallowed, seek medical advice immediately and show this container or label.*

16 Other information**· Relevant R-phrases:**

- 11 *Highly flammable.*
- 22 *Harmful if swallowed.*
- 23/24/25 *Toxic by inhalation, in contact with skin and if swallowed.*
- 24/25 *Toxic in contact with skin and if swallowed.*
- 34 *Causes burns.*
- 36 *Irritating to eyes.*
- 36/38 *Irritating to eyes and skin.*
- 43 *May cause sensitisation by skin contact.*
- 50/53 *Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

The contents and format of this MSDS/SDS are in according with REGULATION (EC) No. 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EEC.

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