Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 22.03.2011 *Revision: 22.03.2011*

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

· **Product details**

· **Trade name: Omniwipes**

· **Article number:** 25452, 25462, 85421
· **Application of the substance / the preparation** Disinfectant

· **Manufacturer/Supplier:**
OMNIDENT Dental-Handelsgesellschaft m.b.H.
Gutenbergring 7-9
D- 63110 Rodgau

Fon: +49 (6106) 8 74 - 0
Fax: +49 (6106) 8 74 - 265
Web: www.omnident.de

· **Further information obtainable from:**
Produktmanagement
Fon: +49 (6106) 8 74 - 0
· **Information in case of emergency:**
Notrufnummer: Erreichbar werktags
von 8.00 - 16.30 Uhr
Fon: +49 (6106) 8 74 - 0
Fax: +49 (6106) 8 74 - 265
eMail: info@omnident.de

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2 Hazards identification

· **Hazard description:**

F Highly flammable

· **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 11 Highly flammable.
· **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
· **GHS label elements**

Danger

2.7/1 - Flammable solid.
· **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/ equipment.
Wear protective gloves/protective clothing/eye protection/face protection.
· **Response:**
In case of fire: Use for extinction: CO2, powder or water spray.

3 Composition/information on ingredients

· **Chemical characterization**
· **Description:** Mixture of substances listed below with nonhazardous additions.

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· **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6	ethanol	F; R 11 Danger: 2.6/2	25-50%
CAS: 71-23-8 EINECS: 200-746-9	propan-1-ol	Xi, F; R 11-41-67 Danger: 2.6/2; 3.3/1 Warning: 3.8/3	2.5-10%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

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, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
· **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
· **Measures for cleaning/collecting:** Ensure adequate ventilation.

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7 Handling and storage

· **Handling:**
· **Information for safe handling:**
Keep receptacles tightly sealed.
Use only in well ventilated areas.
· **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.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:**
Store receptacle in a well ventilated area.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Do not store at temperatures exceeding 40°C

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8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

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· **Ingredients with limit values that require monitoring at the workplace:**	
64-17-5 ethanol	
MAK Short term value	1920 mg/m³, 1000 ppm
MAK Long term value	960 mg/m³, 500 ppm
71-23-8 propan-1-ol	
MAK Short-term value	1000 mg/m³, 400 ppm
MAK Long-term value	500 mg/m³, 200 ppm

· **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:** Not required.
· **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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
Butyl rubber, BR
· **Eye protection:**

Tightly sealed goggles

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9 Physical and chemical properties

· **General Information**	
Form:	Liquid on inert carrier material
Colour:	White
Odour:	Characteristic
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	78°C
· **Flash point:**	25°C
· **Flammability (solid, gaseous):**	Highly flammable.
· **Ignition temperature:**	425°C
· **Self-igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

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· **Explosion limits:**	
Lower:	3.5 Vol %
Upper:	15.0 Vol %
· **Vapour pressure at 20°C:**	59 hPa
· **Density at 20°C:**	0.91 g/cm³
· **Solubility in / Miscibility with water:**	Soluble.
· **pH-value at 20°C:**	<10
· **Solvent content:**	
Organic solvents:	47.0 %
· **Solids content:**	53.0 %

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:**
· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.
· **Sensitization:** No sensitizing effects known.

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12 Ecological information

· **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.

13 Disposal considerations

· **Product:**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**	
07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 99	wastes not otherwise specified

· **Uncleaned packaging:**
· **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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14 Transport information

· **Land transport ADR/RID (cross-border)**
· **ADR/RID class:** 4.1 Flammable solids, self-reactive substances and solid desensitised explosives.
· **Danger code (Kemler):** 40
· **UN-Number:** 3175
· **Packaging group:** II
· **Description of goods:** 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), PROPANOL (PROPYL ALCOHOL, NORMAL))

· **Maritime transport IMDG:**
· **IMDG Class:** 4.1
· **UN Number:** 3175
· **EMS Number:** F-A,S-I
· **Marine pollutant:** No
· **Proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), PROPANOL (PROPYL ALCOHOL, NORMAL))

· **Air transport ICAO-TI and IATA-DGR:**
· **ICAO/IATA Class:** 4.1
· **UN/ID Number:** 3175
· **Proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL, PROPANOL (PROPYL ALCOHOL, NORMAL))

· **UN "Model Regulation":** UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, II

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15 Regulatory information

· **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**

F Highly flammable

· **Risk phrases:**
11 Highly flammable.

· **Safety phrases:**
7 Keep container tightly closed.
16 Keep away from sources of ignition - No smoking.
60 This material and its container must be disposed of as hazardous waste.

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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.

· **Relevant R-phrases**
11 Highly flammable.
41 Risk of serious damage to eyes.
67 Vapours may cause drowsiness and dizziness.

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· ***Abbreviations and acronyms:***
ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Reglement internationale concernent le transport des merchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
· **** Data compared to the previous version altered.***