

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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| PRODUCT IDENTIFIER → DÜRR SYSTEM-HYGIENE MD 520 Impression Disinfection | | PRODUCT IDENTIFICATION NUMBER (PIN) MD 520 | |
| PRODUCT USE → Disinfection and cleaning of dental impressions in the DÜRR-Hygojet. | | | |
| MANUFACTURER'S NAME orochemie GmbH + Co KG | | SUPPLIER'S NAME SciCan / Division of Lux & Zwingenberger Ltd. | |
| STREET ADDRESS Max-Planck-Str. 27 | | STREET ADDRESS 1440 Don Mills Road | |
| CITY D - 70806 Kornwestheim | PROVINCE | CITY Toronto | PROVINCE Ontario |
| POSTAL CODE D - 70806 | EMERGENCY TELEPHONE NO. 0049 7154 13080 | POSTAL CODE Canada M3B 3P9 | EMERGENCY TELEPHONE NO. (416) 445 - 1600 |

SECTION 2 - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % | CAS NUMBER | LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LD ₅₀ OF INGREDIENT (SPECIFY SPECIES) |
|---|-------|------------|--|--|
| Glutaraldehyde | < 1 | 111-30-8 | 60 mg/kg (rat, oral) | |
| N-Alkyl-N-benzyl-N,N-dimethyl-ammonium chloride | < 1 | 68391-01-5 | 1000 mg/kg (rat, oral) | |
| 2-Propanol | 1 - 5 | 67-63-0 | 4570 mg/kg (rat, oral) | |
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SECTION 3 - PHYSICAL DATA

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| PHYSICAL STATE liquid | ODOUR AND APPEARANCE clear yellow liquid of neutral odour | | ODOUR THRESHOLD (ppm) no data available | |
| VAPOUR PRESSURE (mm Hg) like water | VAPOUR DENSITY (AIR = 1) ≈ 1 | EVAPORATION RATE > 1 (like water) | BOILING POINT (° C) ≈ 100 °C | FREEZING POINT (° C) ≈ 0 °C |
| pH 4.3 ± 0.5 | SPECIFIC GRAVITY 0.99 ± 0.02 g/cm ³ | COEFF. WATER/OIL DIST. no data available | | |

SECTION 4 - FIRE AND EXPLOSION DATA

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| FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS ? → | | | |
| MEANS OF EXTINCTION water jet, powder or foam | | | |
| FLASHPOINT (° C) AND METHOD > 100 °C | UPPER FLAMMABLE LIMIT (% BY VOLUME) not applicable | LOWER FLAMMABLE LIMIT (% BY VOLUME) not applicable | |
| AUTOIGNITION TEMPERATURE (° C) not applicable | HAZARDOUS COMBUSTION PRODUCTS not known | | |
| EXPLOSION DATA → | SENSITIVITY TO IMPACT not applicable | SENSITIVITY TO STATIC DISCHARGE not applicable | |

SECTION 5 - REACTIVITY DATA

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| CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHICH CONDITIONS ? → normal storage and handling | |
| INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF SO, WHICH ONES ? → none | |
| REACTIVITY, AND UNDER WHAT CONDITIONS not applicable | |
| HAZARDOUS DECOMPOSITION PRODUCTS No known hazardous decomposition products. | |

PRODUCT IDENTIFIER → **DÜRR SYSTEM-HYGIENE MD 520 Impression Disinfection**

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT
May be harmful if swallowed. LD50 (rat, oral) is > 5 ml/kg of body weight.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT
not known

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| EXPOSURE LIMITS not known | IRRITANCY OF PRODUCT Irritating to eyes, respiratory system and skin is possible. | SENSITIZATION TO PRODUCT May cause sensitisation by skin contact. | CARCINOGENICITY not applicable |
| TERATOGENICITY not applicable | REPRODUCTIVE TOXICITY not applicable | MUTAGENICITY not applicable | SYNERGISTIC PRODUCTS not applicable |

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

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| GLOVES (SPECIFY) protective gloves (e.g. rubber gloves) | RESPIRATOR (SPECIFY) - | EYE (SPECIFY) - |
| FOOTWEAR (SPECIFY) - | CLOTHING (SPECIFY) - | OTHER (SPECIFY) Keep away from food and drink. |

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS)
Only use in well ventilated areas. Open and handle container with care.

LEAK AND SPILL PROCEDUR
Remove with fluid-absorbing material (e.g. universal absorbent). The cleaned-up material must be correctly disposed of. Residues should be flushed off with care.

WASTE DISPOSAL
Disinfectant: dispose of in conformity with the valid waste disposal regulations. Empty packages completely. After appropriate cleaning they can be recycled. Rinse with water for recycling.

HANDLING PROCEDURES AND EQUIPMENT
Please observe instructions for use (see bottle back label). Keep stock bottle tightly shut and reseal carefully after use.

STORAGE REQUIREMENTS
Store only in the original container. Store in a cool place. Do not store in temperatures below 5 °C.

SPECIAL SHIPPING INFORMATION
No dangerous goods as defined by the transport regulations.

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES
General instructions: Remove contaminated clothing.
Inhalation: Take care for fresh air.
Skin contact: After contact with skin, wash immediately with plenty of water.
Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion: Rinse the mouth and then drink plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 9 - PREPARATION DATE OF MSDS

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| PREPARED BY (GROUP, DEPARTMENT, ETC.) Customer Service | PHONE NUMBER 416 446-2705 | DATE June 15, 2009 |
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