

Material Safety Data Sheet

Würth Canada Limited

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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|---|--|---|---|---|--|
| PRODUCT IDENTIFIER | | Contact OL Oxidation Cleaner 893.60 200 ml | | PRODUCT IDENTIFICATION NUMBER (PIN) 1950 | |
| PRODUCT USE Contact Cleaner for electrical terminals and connectors. | | | | | |
| MANUFACTURERS NAME WÜRTH CANADA LIMITED | | | SUPPLIER'S NAME WÜRTH CANADA LIMITED | | |
| STREET ADDRESS 6330 Tomken Road | | | STREET ADDRESS 6330 Tomken Road | | |
| CITY Mississauga | | PROVINCE Ontario | | CITY Mississauga | |
| POSTAL CODE L5T 1N2 | | EMERGENCY (613) 996-6666 (24HRS) TELEPHONE NO. (905) 564-6225 | | EMERGENCY (613) 996-6666 (24HRS) TELEPHONE NO. (905) 564-6225 | |

SECTION 2 - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % | CAS NUMBER | LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC ₅₀ OF INGREDIENT (SPECIFY SPECIES) |
|------------------------|-------|------------|--|--|
| Butanole-2 | 10-30 | 78-92-2 | 100 ml/g | N/A |
| Propanole-2 | 10-30 | | 400ml/g | N/A |
| Isohexane <5% n-hexane | 10-30 | 1330-20-7 | 200 ml/g | N/A |
| | | | | |

SECTION 3 - PHYSICAL DATA

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|----------------------------------|-------------------------------|----------------------------------|
| PHYSICAL STATE Aerosol Liquid | COLOUR AND APPEARANCE Red | ODOUR THRESHOLD (ppm) Alcohol |
| VAPOUR PRESSURE (mm Hg) 240 | VAPOUR DENSITY (AIR-1) 2.7 | BOILING POINT (°C) 58-100 °C |
| pH 7.0 | SPECIFIC GRAVITY 0.76 | FREEZING POINT Not determined |
| | COEFF. WATER/OIL DIST. N/A | |

SECTION 4 - FIRE AND EXPLOSION DATA

| | |
|---|--|
| FLAMMABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | IF YES, UNDER WHICH CONDITIONS? Excessive heat and sparks. |
| MEANS OF EXTINCTION Foam, CO2, Dry Chemical, Water, Fog and Foam. | |
| HAZARDOUS DECOMPOSITION PRODUCTS FLASHPOINT (°C) AND METHOD < 0 °C 200 °C | HAZARDOUS COMBUSTION PRODUCTS UPPER FLAMMABLE LIMIT (% BY VOLUME) 12.0 LOWER FLAMMABLE LIMIT (% BY VOLUME) 1.0 |
| EXPLOSION DATA N/A | SENSITIVITY TO IMPACT None |
| | SENSITIVITY TO STATIC DISCHARGE None |

SECTION 5 - REACTIVITY DATA

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|--|---|
| CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | IF NO, UNDER WHICH CONDITIONS? Stable up to boiling point. |
| INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | IF SO, WHICH ONE? Reaction with strong oxidizing agents |
| HAZARDOUS DECOMPOSITION PRODUCT Dioxide/ Hydrocarbons/ Flammable Gases/Vapours. | |

| | | | |
|---|--|--------------------------|--|
| PRODUCT IDENTIFIER: | | | |
| Contact OL Oxidation Cleaner 893.60 200 ml | | | |
| SECTION 6 - TOXICOLOGICAL PROPERTIES | | | |
| ROUTE OF ENTRY | | | |
| SKIN CONTACT <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE CONTACT <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> | | | |
| EFFECTS OF ACUTE EXPOSURE TO PRODUCT | | | |
| Vapours may irritate eyes, nose, throat. Direct contact with eyes and skin will irritate. | | | |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT | | | |
| None known. | | | |
| EXPOSURE LIMITS | IRRITANCY OF PRODUCT | SENSITIZATION TO PRODUCT | CARCINOGENICITY |
| None Known[] | None Known | None Known | No ingredients listed by IARC, NTP or OSHA as carcinogens. |
| TERATOGENICITY | REPRODUCTIVE TOXICITY | MUTAGENICITY | SYNERGISTIC PRODUCTS |
| None Known | None Known | None Known. | None Known. |
| SECTION 7 - PREVENTIVE MEASURES | | | |
| PERSONAL PROTECTIVE EQUIPMENT: | | | |
| Wear self-contained breathing apparatus and protective clothing. | | | |
| GLOVES (SPECIFY) | RESPIRATOR (SPECIFY) | EYE (SPECIFY) | |
| Impermeable Gloves | Wear an approved organic vapour type respirator. | Goggles. | |
| FOOTWEAR (SPECIFY) | CLOTHING (SPECIFY) | OTHER (SPECIFY) | |
| None | Overalls or apron. | None. | |
| ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS): | | | |
| In indoor applications, passive ventilation (opening of doors and windows) is recommend. Local exhaust is necessary. | | | |
| LEAK AND SPILL PROCEDURE | | | |
| Restrict access to the area of the spill. Absorb product and place in container for disposal. | | | |
| WASTE DISPOSAL | | | |
| Dispose of in accordance with Federal, Provincial and local regulations. | | | |
| HANDLING PROCEDURES AND EQUIPMENT | | | |
| Store under dry conditions between 10-25 °C (50-77 °F). | | | |
| STORAGE REQUIREMENTS | | | |
| Keep container tightly sealed when not in use. Keep out of reach of children. | | | |
| SPECIAL SHIPPING INFORMATION | | | |
| None | | | |
| SECTION 8 - FIRST AID MEASURES | | | |
| SPECIFIC MEASURES: | | | |
| Skin | May irritate sensitive skin. Wash hands thoroughly. | | |
| Eyes | Wash eyes thoroughly for 15 minutes. Consult eye physician. | | |
| Ingestion | Do not induce vomiting - drink plenty of water. Contact physician. | | |
| Inhalation | Remove to fresh air. Consult physician. | | |
| SECTION 9 - PREPARATION DATE OF MSDS | | | |
| PREPARED BY (GROUP, DEPARTMENT, ETC.) | | PHONE NUMBER | DATE |
| TECHNICAL AFFAIRS/WURTH CANADA LIMITED | | (905) 564-6225 | January 17, 2003 |