

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name VELOPEX PROCESSOR CLEANER

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses X-Ray film processing machine cleaner

Uses Advised Against Avoid contact with acids

1.3 Details of the supplier of the safety data sheet

Supplier Medivance Instruments Ltd.
Barretts Green Road
Harlesden
London
NW10 7AP
T: 020 8965 2913
F: 020 8963 1270
enquiries@velopex.com

1.4 Emergency telephone number

020 8965 2913

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

| | | |
|-------------------------------|-------------------------------|--|
| Classification (EC 1272/2008) | Physical and Chemical Hazards | Not classified. |
| | Human Health | EUH031;Skin Irrit. 2. - H315;Eye Irrit. 2 - H319 |
| | Environment | Not classified. |

2.2 Label elements

Label in Accordance with (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

| | |
|------|--------------------------------|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |

Precautionary Statements

| | |
|----------------|--|
| P102 | Keep out of reach of children. |
| P264 | Wash contaminated skin thoroughly after handling. |
| P280 | Wear protective gloves. Wear face protection. Wear eye protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332+P313 | If skin irritation occurs. Get medical advice/attention. |
| P337+P313 | If eye irritation persists; Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P321 | Specific treatment (see medical advice on this label). Dispose of contents /containers as normal waste. |

Supplemental Label Information

| | |
|--------|---|
| EUH031 | Contact with acids liberates toxic gas. |
|--------|---|

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

| | |
|---|-------------------|
| SODIUM HYPOCHLORITE SOLUTION, ...% CI ACTIVE | 2.5 - < 5% |
| CAS-NO.: 7681-52-9 | EC NO.: 231-668-3 |
| Classification (EC 1272/2008) EUH031 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 | |
| SODIUM HYDROXIDE | 0.25 - < 1% |
| CAS-NO.: 1310-73-2 | EC NO.: 215-185-5 |
| Classification (EC 1272/2008) Skin Corr. 1A - H314 | |

The Full Text for all Hazard Statements is Displayed in section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Immediately rinse mouth and provide fresh air. Do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Consult a physician for specific advice.

Skin Contact

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye Contact

Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Unlikely route of exposure as the product does not contain any volatile substance. May cause irritation to the respiratory system. Chlorine traces may be present or formed.

Ingestion

Severe irritation.

Skin Contact

The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

Eye Contact

The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

4.3 Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Extinguishing Media

Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Hazardous Combustion Products

Thermal decomposition of combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

None known.

Specific Hazards

The product is non-combustible. If heated, toxic vapours may be formed. Chlorine.

5.3 Advice for fire fighters

Protective Measures In Fire

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. For personal protection, see section 8.

6.2 Environmental precautions

Collect and dispose of spillage as indicated in section 13

6.3 Methods and material for containment and cleaning up

Wear necessary protective equipment. Small spillages: Flush away spillage with plenty of water. Large spillages: Absorb with sand or other inert absorbent. Transfer to a container for disposal. For waste disposal, see section 13.

6.4 Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Read label before use.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 0°C and 30°C. Store away from: Acids.

Storage Class

Lagerklasse 8B

7.3 Specific end use(s)

The identified uses for this product are detailed in section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

| Name | STD | TWA - 8 Hrs | | STEL - 15 Min | | Notes |
|------------------|-----|-------------|--|---------------|---------------------|-------|
| SODIUM HYDROXIDE | WEL | | | | 2 mg/m ³ | |

WEL = Workplace Exposure Limit

8.2 Exposure controls

Protective Equipment



Hand Protection

For prolonged or repeated skin contact use suitable protective rubber gloves. Rubber gloves are recommended.

Eye Protection

Wear approved, tight fitting safety glasses where splashing is probable.

Hygiene Measures

Wash hands after handling.

Skin Protection

Wear suitable protective clothing as protection against splashing or contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|---|------------------------|
| Appearance | Clear viscous liquid |
| Colour | Light (or pale) Yellow |
| Odour | Slight odour Chlorine |
| Solubility | Soluble in water |
| Initial Boiling point and Boiling Range | ~95°C |
| Relative Density | 1.067 - 1.097 @ 20°C |
| pH-Value, Conc. Solution | 12 - 14 |
| Viscosity | 50 - 120 cps @ 20°C |
| Flash Point (°C) | >61°C CC (Closed cup) |

9.2 Other information

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Generates toxic gas in contact with acid. Chlorine.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Generates toxic gas in contact with acid. Chlorine.

10.4 Conditions to avoid

Avoid contact with acids. Avoid excessive heat for prolonged periods of time.

10.5 Incompatible materials

Materials To Avoid

Acids.

10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Chlorine.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|---|---|
| Acute Toxicity (Oral LD ₅₀) | > 2900 mg/kg Mouse 2, 900 - 3, 400 (Sodium Hypochlorite) |
| Acute Toxicity (Dermal LD ₅₀) | > 2000 mg/kg Rabbit Sodium hypochlorite |
| Acute Toxicity (Inhalation LC ₅₀) | >10.5 mg/l (vapours) Rat Sodium hypochlorite |
| Skin Corrosion/Irritation | ≥ 11.5 |
| Extreme pH | Irritating Young's Test Method |

Inhalation

Unlikely route of exposure as the product does not contain volatile substances. May cause irritation to the respiratory system.

Ingestion

Irritating. May cause nausea, stomach pain and vomiting.

Skin Contact

Irritating to skin.

Eye Contact

Irritating to eyes.

Route of Entry

Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1 Toxicity

| | |
|--|--|
| Acute Toxicity - Fish | LD ₅₀ 96 hours > 0.22 mg/l 0.22 - 0.62 (Sodium hypochlorite) |
| Acute Toxicity - Aquatic Invertebrates | EC 50 96 hours 2.1 mg/l Daphnia magna Sodium hypochlorite |

12.2 Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3 Bioaccumulative potential

Bioaccumulative Potential

No data available on bioaccumulation

12.4 Mobility in soil

Mobility

The product is soluble in water.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1 Waste treatment methods

Disposal of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General Information

LIMITED QUANTITIES for ADR/RID/IMDG (Not assessed for transportation via air (ICAO/IATA) under limited quantities).

14.1 UN number

| | |
|----------------------|------|
| UN No. (ADR/RID/ADN) | 1791 |
| UN No. (IMDG) | 1791 |
| UN No. (ICAO) | 1791 |

14.2 UN proper shipping name

Proper Shipping Name HYPOCHLORITE SOLUTION

14.3 Transport hazard class(es)

| | |
|---------------------|-------------------------------|
| ADR/RID/ADN Class | 8 |
| ADR/RID/ADN Class | Class 8: Corrosive substances |
| ADR Label No. | 8 |
| IMDG Class | 8 |
| ICAO Class/Division | 8 |

14.4 Packing group

| | |
|---------------------------|-----|
| ADR/RID/ADN Packing Group | III |
| IMDG Packing Group | III |
| ICAO Packing Group | III |

14.5 Environmental hazards

Environmental Hazardous Substance/Marine Pollutant

No.

14.6 Special precautions for user

| | |
|-------------------------|----------|
| EMS | F-A, S-B |
| Emergency Action Code | 2X |
| Hazard No. (ADR) | 80 |
| Tunnel Restriction Code | (E) |

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture

EU Legislation

Dangerous Preparations Directive 1999/45/EC.

Dangerous Substance Directive 67/548/EC.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Change of format according to REACH Annex II.

Issued By Chemistry Manager

Revision Date 01/06/2015

Revision GHS1

Hazard Statements In Full

H301 Contact with acids liberates toxic gas.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.