

NEWLAND EXPRESS

COSHH RISK ASSESSMENT

Chemodex Commercial Vehicle Cleaner (Product Code CVC)

Assessment item	Details
Substance / product	Chemodex Commercial Vehicle Cleaner (CVC) - professional and industrial alkaline vehicle cleaning concentrate.
SDS reference	Chemodex CVC Safety Data Sheet, Version 1.3, revision date 02/06/2026.
Task assessed	Diluted application through a pressure washer for washing commercial vehicles.
Persons at risk	Employees carrying out vehicle washing; nearby employees, visitors or contractors who may enter the wash area.
Main routes of exposure	Eye contact from splash or mist; skin contact; inhalation of spray mist; accidental ingestion from contaminated hands.
Product classification	Skin Irritation Category 2 (H315). Serious Eye Damage Category 1 (H318). EUH208: contains 1,2-benzisothiazol-3(2H)-one and may produce an allergic reaction.
Important clarification	The current SDS does NOT classify the finished product as carcinogenic. The previous container label shown earlier appears to carry older/different hazard information and should not be used in place of this current SDS.

Hazards and controls

Hazard	Possible harm	Who may be harmed	Controls required	Residual risk
Splash to eyes	Serious, potentially irreversible eye damage.	Operator and persons nearby.	Tightly sealed safety goggles to EN 166. Keep others clear of spray area. Do not point lance towards people. Eyewash available close to work area.	Medium
Skin contact	Irritation; possible allergic reaction in susceptible persons.	Operator.	Chemical-resistant gloves to EN 374 (nitrile, neoprene or PVC), suitable workwear, avoid direct contact, wash hands after use, remove and wash contaminated clothing.	Low
Spray mist / inhalation	Respiratory irritation or exposure to 2-butoxyethanol where mist accumulates.	Operator and nearby persons.	Use outdoors or with good air exchange. Keep face out of spray plume. Avoid creating unnecessary mist. If heavy airborne mist is generated, stop and reassess; use suitable P2 respiratory protection where required.	Low/Medium
Concentrate transfer / dosing	Higher exposure to alkaline concentrate during connection, decanting or spills.	Operator.	Use closed pressure-washer dosing/pick-up system where possible. Avoid manual decanting. Wear gloves and goggles when connecting chemical lines or handling concentrate.	Medium

Spillage	Slip risk, skin/eye contact and environmental release.	All persons in area; environment.	Cordon area, wear PPE, absorb with inert material, collect in labelled container, keep out of surface water/storm drains, wash affected area after recovery.	Low/Medium
Pressure washer operation	Injection injury, impact injury, slips and loss of control of lance.	Operator and persons nearby.	Trained users only. Inspect hose/lance/couplings. Maintain secure footing. Never direct jet at people. Isolate equipment before clearing faults. Keep work area clear.	Medium
Incompatible chemicals	Exothermic reaction if mixed with strong acids.	Operator.	Store away from strong acids. Never mix with other chemicals unless specifically authorised by the manufacturer.	Low

Required PPE

- **Safety goggles** conforming to EN 166.
- **Protective gloves** conforming to EN 374; suitable materials listed in the SDS are nitrile rubber, neoprene or PVC.
- **Protective clothing:** Long-sleeved workwear/coveralls covering exposed skin and safety footwear. Where significant splashing or soaking is foreseeable, wear a suitable waterproof chemical-resistant apron or coverall. Contaminated clothing must be removed and washed before reuse.
- Respiratory protection is not normally required for standard handling. Where spraying creates heavy airborne mist, a suitable approved respirator with a Type P2 particulate filter should be selected following assessment.

First aid

- Eyes: Immediately flush with running water for at least 15 minutes, remove contact lenses if easy to do, and seek urgent specialist/medical attention.
- Skin: Wash thoroughly with plenty of running water and soap. Remove contaminated clothing. Seek medical advice if irritation develops or persists.
- Inhalation: Move the affected person to fresh air. Seek medical attention if irritation or breathing difficulties persist.
- Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical treatment.

Emergency / environmental controls

- Keep liquid away from surface waters, storm drains and groundwater networks.
- For spills, keep unnecessary personnel away, wear PPE, absorb with sand, earth or universal absorbent, and place waste in a clearly labelled container for disposal.
- Store only in the original, tightly closed container in a cool, dry, well-ventilated place, protected from freezing and away from strong acids.
- Eyewash facilities should be readily available in or close to the wash area.