

Graf. Garrison

Operating Instructions

Date:

Installation: _____

Unit: _____

Working area:

Workplace / Activity:

Clinic

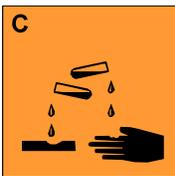
Laboratory

Hazardous Substance Group

Corrosive substances

Examples: Chloric acid, sulphuric acid, nitric acid, caustic soda, hydrochloric acid, phosphoric acid

Hazard for Human Health and the Environment



- Damage of body tissues (skin, eyes etc.) and other materials (textiles etc.) already after short direct contact
- Vapors, gases and dust have a highly corrosive effect on eyes, mucous membranes and respiratory organs

In addition, some of these hazardous substances are oxidizing (in particular concentrated nitric acid) and release noxious vapors and gases.

Protective Measures and Behaviour Rules



- During handling wear **safety goggles** and **rubber gloves**, additional safety clothes are recommended
- Avoid direct contact with skin, mucous membranes and eyes
- Do not inhale vapors, gases and dusts
- Never add water (or diluted acids) to concentrated acids but vice versa add concentrated acid to water or diluted acid
- Do transfilling with care and close containers afterwards

Behavior in Danger Situations



- **Accidental release:** Use adsorbent for treating spillages of corrosive substances (Spill Kit!) (carefully dilute concentrated acids and bases before with a lot of water). Wear safety goggles and safety gloves during cleanup. Put contaminated adsorbent into designated waste container.
- In case of spillages and leakages involving large quantities of liquids and leading to the release of hazardous gases and vapors, the area should be evacuated immediately – call emergency!

EMERGENCY NUMBER: 117 (Fire Department)

NEXT PHONE: _____

First Aid



- After **eye contact:** Immediately flush thoroughly with plenty of water for at least 15 minutes, contact eye specialist
- After **skin contact:** Immediately wash with water and soap thoroughly, immediately take off contaminated clothes, get medical attention
- After **inhalation** of gases and vapors remove to fresh air, get medical attention

EMERGENCY NUMBER: 117 (Fire Department)

NEXT PHONE: _____

Proper Disposal



Collect waste/residuals in a resistant, closed and labelled container and keep at the HWAP prior to proper disposal.

Additional Remarks

Special information with reference to possible hazards for human health and environment as well as to hazard characteristics of the individual hazardous substances should also be taken from the **Material Safety Data Sheets (MSDSs)**. For further information please refer to "**General Operating Instructions**".