Graf. Garrison	**Operating Instructions**	

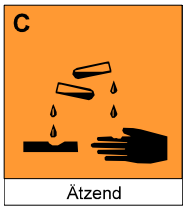
Date: **Installation:** _____ **Unit:** _____	**Working area:** Motor pool / workshop **Workplace / Activity:** Repair / maintenance / storage

Hazardous Substance Group

Battery acid

Sulphuric acid, typically at a concentration less than 50%, diluted with water, used for refilling at lead batteries. Colourless and odorless.

Hazard for Human Health and the Environment



- Causes heavy burns, damage of body tissues (skin, eyes etc.) and other materials (textiles etc.) already after short contact
- Vapors have a corrosive effect on eyes, mucous membranes and respiratory tract
- Swallowing can lead to damage of human health

Chemical reaction with water and bases generating heat (danger of splashes!)

Protective Measures and Behaviour Rules

- Wear appropriate **safety clothes, protective gloves** and **safety goggles/face shield**
- Avoid any contact with eyes and skin
- Keep container tightly closed when not in use
- Open and use container with great care

Behavior in Danger Situations

- **Accidental release:** Use adsorbent or neutralizing agent for treating spillages/leakages of corrosive substances (Spill Kit!) (before carefully dilute concentrated acids and bases with plenty of water). Put contaminated adsorbent into designated waste container. Wear safety goggles and safety gloves during clean up

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 immediately
- After **skin contact:** Immediately wash with water and soap thoroughly, immediately take off contaminated clothes, seek medical attention
- After **inhalation** of mists and vapors, remove to fresh air, seek medical attention
- After **swallowing**, Rinse mouth thoroughly and then drink plenty of water, immediately get medical attention. After swallowing, do not induce vomiting!

EMERGENCY NUMBER: **117 (Fire Department)**

NEXT PHONE: _____

Proper Disposal

Collect used batteries filled with acid in a resistant, lockable 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**".