

Graf. Garrison

## Operating Instructions

Date:

Installation: \_\_\_\_\_

Unit: \_\_\_\_\_

Working Area:

Workshop

Workplace/Activity:

Repair / Maintenance / Storage

### Hazardous Substance Group

#### Peroxide - Organic

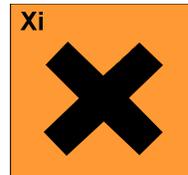
Examples: Dibutyl-peroxide, Dicumyl-peroxid, Benzene peroxid, Dilauryl-peroxide, Butyl-hydroperoxide

### Hazard for Human Health and the Environment



Explosionsgefährlich

- Organic Peroxides easily decompose at temperatures higher than 60°C, explosive decomposition on impact of heat
- Dangerous reactions to strong acids and bases, amines, salts of heavy metals ferrous, manganese, sulfite and others
- Many organic peroxides irritate and etch skin and mucous membrane, as well as airways



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### Protective Measures and Behaviour Rules



- During use wear **protective gloves** (made of neoprene as a short-term protection from splashes) and **safety goggles**
- Keep containers tightly closed and store in a cool and well-ventilated area
- Keep away from flammable materials. Avoid contaminations and keep away from ignition sources



### Behavior in Danger Situations



- **Accidental release:** Collect liquids with appropriate absorbent material. Moisten solids, sweep and dispose in hazardous waste area after reduction (e.g. with sodium thiosulphate).
- **Extinguishing media:** Spray; small fires with CO<sub>2</sub>, water, powder. Bigger fires are hardly extinguishable – in any call emergency

EMERGENCY NUMBER: 117 ( Fire Department)

NEXT TELEPHONE: \_\_\_\_\_

### First Aid



- After **skin contact:** Immediately wash with ethhyl alcohol, then with water and soap thoroughly, immediately take off contaminated clothes
- After **eye contact:** Immediately flush thoroughly with plenty of water for at least 15 minutes, contact eye specialist
- After **inhalation:** Remove to fresh air, artificial respiration, if necessary, get medical attention
- After **swallowing:** After swallowing, immediately bring about vomiting and drink plenty of water (or freshly made sodium-ascorbate-water solution), immediately get medical attention

EMERGENCY NUMBER: 117 ( Fire Department)

NEXT TELEPHONE: \_\_\_\_\_

### Proper Disposal



Collect waste/residuals 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**".