

Graf. Garrison

## Operating Instructions

Date:

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

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

Working Area:

Workshop

Workplace/Activity:

Repair / Maintenance / Storage

### Hazardous Substance Group

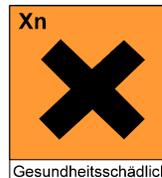
#### Oil and lubricants

Examples: Engine oil, transmission oil, hydraulic oil, lubricants and greases

#### Hazard for Human Health and the Environment



- Inhalation of vapors can lead to dizziness, headaches, drowsiness and even unconsciousness, direct contact causes irritation to skin, eyes and mucous membranes
- Oil and lubricant products are a category of flammables, soaked material (cleaning rags, clothing) are highly flammable
- Splashing can generate flammable vapor-air-mixtures



#### Protective Measures and Behaviour Rules



- When handling with oil products wear **protective rubber neoprene gauntlet gloves**, wear **safety goggles/face mask** when splashes cannot be excluded
- Avoid formation of vapors and mists
- Never put soaked cleaning rags in pockets
- Keep away from ignition sources (hot parts, open fire, cigarettes)
- Use non-sparking equipment, avoid electrostatic charges during decanting



#### Behaviour in Danger Situations



- **Extinguishing devices:** CO<sub>2</sub> and dry chemical type fire extinguishers should be used (check against surrounding area)
- **Specific danger in case of fire:** Never extinguish with water. Danger of suffocation when using CO<sub>2</sub>-extinguishers in small rooms (extrusion of oxygen)
- **Unintentional release:** Enclose liquid spills with a dike of absorbent. Use enough absorbent to soak up the spilled liquid. Small amounts of soaked absorbent may be disposed of in the POL solids waste container. Make sure that affected rooms are well ventilated. Keep away from ignition sources – Danger of Explosion or Fire!

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

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

#### 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, then use rich skin lotion
- After **inhalation:** Remove to fresh air, give artificial respiration or mouth-to-mouth breathing, if necessary. Keep airways free, get medical attention
- After **swallowing:** Immediately get medical attention immediately, avoid vomiting!

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

#### Proper Disposal



Collect cleaning rags, adhesive agents that are soaked in oil and lubricants in designated resistant, closed and labelled POL waste containers. Collect oil residuals at designated used oil container.

#### 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**".