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INSTRUCTIONS IN WRITING FOR ROAD TRANSPORT

LOAD

- LITHIUM BATTERIES
with liquid cathode

NATURE OF DANGER

In the case of undamaged batteries

- Heating will cause pressure rise with risk of bursting and subsequent explosion.

In the case of damaged batteries

- Contact with water, moist air and acids produces flammable gas which may form explosive mixture with air. Development of heat may lead to spontaneous ignition of gas.
- Reaction with water, carbon dioxide and halones: fire hazard, explosion hazard.
- Contact with the contents causes severe damage: to eyes, to skin, to lungs.

PERSONAL PROTECTION

- Protective gloves.
- Protective footwear.
- Eyewash bottle with clean water.
- Two self-standing warning signs, hand lamp, warning vest.

GENERAL ACTIONS BY THE DRIVER

- Stop the engine.
- Remove possible ignition sources (e.g. no naked flames). No smoking.
- Mark roads with self-standing warning signs and warn other road users or passers-by.
- Keep public away from danger area. Keep upwind.
- Notify police and fire brigade as soon as possible.

ADDITIONAL AND/OR SPECIAL ACTIONS BY THE DRIVER

- Any action only if without personal risk.
- Avoid direct contact with substance.
- If possible, eliminate leaks/loss of cargo. But only if without risk.
- Keep away from water unless there is a fire.
- Contain and cover spilled substance with dry sand or earth or other suitable dry material using shovel or broom. Protect against water.
- If substance has entered a water body or drainage system, or was spilled on soil or vegetation, advise police or fire brigade.

FIRE (information for the driver in case of fire)

- Do not attempt to deal with any fire affecting the load.

FIRST AID

- If substance has got into the eyes, immediately wash out with plenty of water. Continue treatment until medical assistance arrives.
- Remove contaminated clothing immediately and wash affected skin with plenty of water, then wash with soap and water.
- Seek medical treatment when anyone has symptoms apparently due to inhalation or contact with skin or eyes.

SUPPLEMENTARY INFORMATION FOR EMERGENCY SERVICES

- Keep remaining cargo dry.
- Do not repack spilled cargo.
- Keep cargo/batteries cool by spraying with water if exposed to fire. Beware dangerous reaction with water if batteries ruptured.
- Extinguish with plenty of water.
- Do not use foam, halones or carbon dioxide.

ADDITIONAL INFORMATION

- Telephone number: +49 (0)6042/954-0
 - Emergency telephone number +49 (0)6042/954-599
- This document is also available on the Internet at www.sonnenschein-lithium.de/site map/safety.

RESPONSIBLE FOR THE CONTENTS

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