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– Pinhais – PR

**Tel.:** +55 (41) 3668-1319

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**Proper Shipping Name**

DISTRESS SIGNALS

**Número de risco:** 13

**UN Number:** UN0195

**Hazard Class or Division:** 1.3G

**Description of Hazard Class or Division:** Explosives

**Packing Group:** Not applicable

**Appearance:** Maritime pyrotechnic rocket parachute distress signal contained in a cylindrical plastic tube with internal metallic body containing pressed pyrotechnic composition, propellant, igniter and parachute. Product intended for long-range maritime day and night emergency signaling. After activation the rocket is vertically launched reaching approximately 300 meters altitude and ejects a red luminous signal attached to a parachute. Sensitive to heat, impact, friction and ignition sources.

**Exclusive PPE for emergency response team:** Safety helmet, chemical and thermal protective goggles, face shield, heat-resistant gloves, flame-resistant clothing, safety footwear and self-contained breathing apparatus in case of intense smoke or fire in confined areas.

## HAZARDS

**Fire:** EXPLOSIVE/PYROTECHNIC ARTICLE. Easily ignited product presenting intense fire, projection and explosion hazards when exposed to heat, flame, impact, friction or ignition sources. During activation the product projects an incandescent luminous signal through pyrotechnic propellant.

**Health:** If the product is damaged and internal contents are exposed, it may cause eye, skin and respiratory irritation. Smoke produced during combustion may cause irritation to eyes, throat and respiratory tract. Direct contact with incandescent particles may cause burns.

**Environment:** Combustion residues may release metals, oxidizing salts and potentially polluting compounds into soil, water, flora and fauna. Avoid contamination of water bodies and drainage systems.

## IN CASE OF ACCIDENT

**Leakage:** CAUTION: EXPLOSIVE. Park the vehicle in a safe and isolated location. Shut off engine and all electrical systems. Isolate and signal the area. Eliminate all heat, flame and ignition sources. Do not smoke or generate sparks. Collect damaged products manually using appropriate PPE. Do not use metallic tools. Store residues in a safe fire-resistant container for proper disposal.

**Fire:** Evacuate the area immediately. Fight fire only from a safe distance. Use water spray/fog to cool surrounding areas whenever possible. DO NOT fight the fire when fire reaches explosives. Product may project fragments and incandescent materials during combustion.

**Pollution:** Prevent residues from reaching storm drains, sewage systems, rivers and water bodies. Collect residues according to applicable environmental regulations.

**People involvement:** Remove victim to a safe and ventilated area. Remove contaminated clothing and wash exposed areas with soap and water. In case of eye contact rinse immediately with running water for at least 15 minutes. In case of inhalation remove victim to fresh air. Do not induce vomiting in case of ingestion. Seek immediate medical attention in case of significant smoke exposure or burns.

**Information to physician:** Symptomatic treatment. Monitor exposure to combustion smoke, respiratory irritation, thermal burns and contact with metallic oxidizing compounds.

**Observations:** Instructions to the driver, in case of emergency, are described exclusively in the transport envelope. Request company support and apply the Emergency Action Plan (EAP).

sobre o acidente. Solicitar apoio da empresa em qualquer situação de emergência.

Órgão / Entidade	Telefone
BOMBEIROS	193
POLÍCIA MILITAR	190
DEFESA CIVIL	199
POLÍCIA	191
SOS COTEC	0800-707 7022
CEATOX	0800-148110
ABIQUIM	0800-118270
FATMA	Plantão 1523 Tel: (48) 3216 1700
CETESB	0800-11 3560 SP
INEA	(21) 2332-4604 / 8596-8770 RJ
FEPAM	(51) 9982-7840 / 3288-9444