



TOOLBOX TALK



TOPIC DISCUSSED:

DANGEROUS GOODS TREC CARD



Transport emergency cards (Trec) are A4 documents that explain the hazards and emergency response procedures for hazardous chemicals. The Trec is intended for use by the driver of the vehicle in the case of an accident or spill until the emergency services reach the scene.



QUESTIONS:

1. Why is a TREC Card used?
2. What is the standard format that should be used for the Trec Card?
3. Name 3 items that should be on a Trec Card.

THE FORMAT OF A TRANSPORT EMERGENCY CARD



GENERAL:

The layout of the TREC shall conform to the format shown in **ANNEX A**. The TREC document shall be prepared in a standardized format in conjunction with an SDS that complies with **SANS 11014-1 OR ANSI Z 400.1, OR BOTH, AND WITH NATIONAL LEGISLATION.**

One or two phrases shall be inserted under this heading to assist in the identification of dangerous goods in the case of a spill.

Only the proper shipping name in accordance with SANS 10228 shall appear under this heading. Wording shall be printed in **CAPITAL LETTERS.**

"TRANSPORT EMERGENCY CARD — Road transport" shall appear in the top left-hand corner, with the words **"In accordance with SANS 10232-4"** directly underneath.

The dangerous goods references consisting of the **UN No., the class, the subsidiary risk, the packing group and the ERG number** shall appear in the top right-hand corner.

Only the H phrases in table B.1 associated with the class of the goods covered by the TREC shall be used under DANGER. The person preparing the TREC shall take care in selecting the most appropriate H phrases applicable to the dangerous goods. **There shall be at least one phrase.** Several phrases may be necessary to adequately describe the nature of the danger but too many phrases might affect the ease of assimilation of the information.

PPE
Only the PP phrases in table C.1 associated with the class of dangerous goods covered by the TREC shall be used under PERSONAL PROTECTIVE EQUIPMENT.



EMERGENCY RESPONSE EQUIPMENT
Only the ER phrases in table C.2 associated with the class of dangerous goods covered by the TREC shall be used under EMERGENCY RESPONSE EQUIPMENT.

DRIVER FIRST ACTIONS
Only the D phrases in table D.1 shall be used under DRIVER FIRST ACTIONS. Phrases D1, D5 and D8 shall always be a requirement, and any others that are applicable.

DRIVER SPECIAL/ ADDITIONAL ACTIONS
Only the S phrases in table D.2 shall be used under DRIVER SPECIAL/ ADDITIONAL ACTIONS.



DRIVER ACTIONS IN CASE OF FIRE
Only the F phrases in table D.3 shall be used under DRIVER ACTIONS IN CASE OF FIRE. If a fire extinguisher is used, only drivers trained in fire-fighting using the appropriate equipment shall be employed.

FIRST AID
The emergency services would normally have much more detailed first-aid information and facilities. The intention here is not to provide a large amount of information but to draw attention to any special procedures or precautions that might be necessary.

SPECIAL INFORMATION FOR EMERGENCY SERVICES
Only the E phrases in table F.1 shall be used under SPECIAL INFORMATION FOR EMERGENCY SERVICES.

EMERGENCY TELEPHONE NUMBERS
The placard makes provision for telephone numbers for the operator and emergency information. If a number is used under EMERGENCY TELEPHONE NUMBERS it shall be that of the supplier or other organization where more detailed technical information on the specific dangerous goods could be obtained.

TRANSPORT EMERGENCY CARD - Road Transport

In accordance with SANS 10232-4

PROPER SHIPPING NAME
ENVIRONMENTALLY HAZARDOUS SUBSTANCE; SOLID; N.O.S.

APPEARANCE
Granule; Grey to brown; Perceptible odour.

DANGER
Ingestion of material may be harmful. Inhalation of material may be harmful. Contact may cause burns to skin and eyes.

PERSONAL PROTECTIVE EQUIPMENT
Light protective clothing.

EMERGENCY RESPONSE EQUIPMENT
Chemical protective clothing that is specially recommended by the manufacturer. Dry chemical or CO₂, or water spray. Shovel.

DRIVER FIRST ACTIONS - Contact emergency services. Keep upwind. No smoking. Keep unauthorized personnel away.

DRIVER SPECIAL/ADDITIONAL ACTIONS - Stop leak if you can do it without risk. Prevent dust cloud. Avoid inhalation of dust. Prevent entry into waterways, sewers, basements or confined areas.

DRIVER ACTIONS IN CASE OF FIRE - Move containers from fire area if you can do it without risk. Dry chemical, CO₂, or water spray. Do not scatter spilled material with high-pressure water streams.

FIRST AID
Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. In case of contact with material; immediately flush skin or eyes (or both) with running water for at least 20 minutes. Move victim to fresh air. Remove and isolate contaminated clothing and shoes.

SPECIAL INFORMATION FOR EMERGENCY SERVICES
Fire may produce irritating, corrosive and/or toxic gases. Some liquids produce vapors that may cause dizziness or suffocation. Dyke fire control water for later disposal.

ADDITIONAL INFORMATION
Company Name: Enviro Bio-Chem (Pty) Ltd
Trade Name: Allacide 60 GR (Reg. Number: L4188 Act 36 of 1947)

EMERGENCY TELEPHONE NUMBERS
+27 87 231 7261

PREPARED BY: Enviro Bio-Chem (Pty) Ltd from the best knowledge currently available; no guarantee is provided that the information is sufficient or correct under all circumstances.

Preparation Date: October 2018 Expiry Date: October 2021 Reference: EM-TEC-1

Either the **name of the person, the organization, or both**, responsible for the preparation and accuracy of the TREC's contents shall be entered under PREPARED BY in the appropriate space.

The date (month and year) that the TREC was prepared, and the issuer's own reference or serial number (if any), shall appear in the bottom right-hand corner.

ADDITIONAL INFORMATION
included under ADDITIONAL INFORMATION would be the supplier's/ organization's name, the trade and technical names of the product, and any special information not adequately covered by the available phrases under the various headings, and pictograms.

UN Number	3077
Class	9
Subsidiary Risk	
Packing Group	III
ERG Number	171

