

7. Effluents

7.1 CETREL (State Company for Effluent Disposal)

The residue water from the campaign is flushed through the organic system pipes for treatment at CETREL.

7.2 Concentrated organic wastes

These wastes are stored in V-26 together with the wastes from the other production processes of "QUIMICA DA BAHIA" and sold periodically as fuel.

Quantity produced - 8.0 t

Composition (per cent in weight)

H ₂ O	-	12.0
MIPA	-	7.0
ACl	-	18.0
IPQH	-	47.0
DIPA	-	5.0
DIPI	-	8.0
Others	-	3.0

Safety regulations

Transportation of hazardous materials

Monoisopropylamine (MIPA)

A product produced by QUIMICA DA BAHIA from the raw materials acetone, ammonia and hydrogen. It is produced through a reaction process and, in its liquid phase, is used to produce herbicides and fungicides.

Characteristics

- Molecular weight	99.11
- Density	D.69
- Boiling point	33°C
- Fusion point	101.2°C
- Vapour pressure	18.98 [100°C]
- Viscosity	0.360 ap [23°C]
- Refraction index	1.374 [23°C]
- Colour	hueless

Combustibility

Highly corrosive and infissible

Health risks

The vapours and solutions have highly irritating reactions to:

Skin:	May cause necrosis
Eyes:	Tearing, conjunctivitis and damage to the cornea
Inhalation:	May cause dizziness and choking