



SPECIFICATIONS OF PRODUCTS

EP 088
REV 00

IDENTIFICATION

| | |
|----------------------|------------------------|
| Chemical name | Ammonia solution 5/ 6% |
| Formula: | NH ₄ OH |
| CAS No. | 1336-21-6 |

PHYSICOCHEMICAL CHARACTERISTICS

| | | | | |
|-----------------------|------------------------------|----------------|----------------|---------------|
| Aspect: | Liquid, clear and colorless. | | | |
| Characteristic | Unit | Minimum | Maximum | Method |
| Density | g/mL | 0.970 | 0.980 | IT.CQ-0009 |
| Concentration | % | 5.6 | 5.8 | |
| pH | - | 10.5 | 13.0 | |

MAIN APPLICATIONS

Textile, agricultural, rubber, leather, lubricants, food, cosmetics, wastewater treatment, film production, photo printing, inks and among other industries.

| Other information | |
|---------------------------|---|
| UN No. | Product not classified by the Resolution in force on the o transport of dangerous products. |
| Risk No. | Product not classified by the Resolution in force on the o transport of dangerous products. |
| Packaging | Bulk |
| Cautions | Corrosive product. Decomposes when heated, releasing toxic gases. Inhalation or contact with the eyes can cause serious lesions. Contact with skin may cause irritation. For the handling, use the following PPE's: face mask "full face" or Moldex with double filter for ammonia gas together with of wide vision glasses (if you use the moldex mask with double filter), long-length PVC or nitrile gloves, leather boots or rubber, pvc apron (barber type), in addition to protective clothing with fabrics suitable for chemical products. |
| Storage | Keeping stored in an open, covered, ventilated place, away from sources of heat, ignition and incompatible products as informed in the MSDS. |
| Validity | 6 months depending on storage ideal conditions. |
| Legal Requirements | Product controlled by the Federal Police - FP. |

| Datasheet | Code | Description |
|-----------|----------|------------------------|
| | 186.01.0 | Ammonia solution 5/ 6% |

| CHANGES HISTORICAL | | |
|--------------------|--------|---------------------|
| Date | Review | Comments of Changes |
| - | 00 | Initial Issue |