

# 1 Appendix A Media Table

| Impeller                 |                      |                      |                     |                     |          | Tank      |                                          | Hoses                                                              |
|--------------------------|----------------------|----------------------|---------------------|---------------------|----------|-----------|------------------------------------------|--------------------------------------------------------------------|
| KEY                      | A                    | B                    | C                   | V                   | ND       | R         | LR<br>NR                                 | PVC                                                                |
|                          | Excellent            | Fair / Good          | Not Advisable       | Variable            | No Data  | Resistant | Limited<br>Resistant<br>Not<br>Resistant | A= Excellent<br>B= Good<br>C= Fair/moderate<br>D= Severe<br>effect |
| PRODUCT                  | NBR                  | EPDM                 | CR                  | NR                  | VQM      | 23 dgr    | 60 dgr                                   |                                                                    |
| Acetic Acid (30%)        | B (20°C)             | A                    | B (20°C)            | B (20°C)            | ND       | R         | R                                        | D                                                                  |
| Ammonium Hydroxide (30%) | A (80°C)             | ND                   | A (90°C)            | A (65°C)            | ND       | R         | R                                        | A                                                                  |
| Beer                     | A (60°C) - B (80°C)  | A (60°C) - B (80°C)  | A (60°C)            | A (20°C)            | A (20°C) | R         | R                                        | A                                                                  |
| Boric Acid               | A (60°C) - B (90°C)  | A (60°C) - B (90°C)  | A (70°C) - B (90°C) | A (20°C) - B (85°C) | A (20°C) | R         | R                                        | A                                                                  |
| Butane                   | A (90°C) B (80°C)    | C                    | A (60°C)            | C                   | C        | R         | R                                        | C                                                                  |
| Butter                   | A (60°C)             | A (60°C)             | B (20°C) - C (60°C) | C                   | B (20°C) | R         | R                                        | B                                                                  |
| Calcium Hydrate          | A (90°C) - B (90°C)  | A (20°C)             | A (20°C) - B (90°C) | A (20°C) - B (65°C) | A (20°C) | R         | R                                        | B                                                                  |
| Cane Sugar Liquid        | A (20°C) - B (90°C)  | A (80°C)             | A (20°C) - B (90°C) | A (20°C)            | A (20°C) | R         | R                                        | A                                                                  |
| Castor Oil               | A (70°C)             | A (60°C)             | A (70°C)            | A (25°C)            | A (20°C) | R         | R                                        | A                                                                  |
| Citric Acid              | A (70°C) - B (80°C)  | A                    | A                   | A (20°C)            | A (20°C) | R         | R                                        | B                                                                  |
| Cod-Liver Oil            | A (20°C) - B (50°C)  | A (20°C)             | B (20°C)            | C                   | B (20°C) | R         | R                                        | A                                                                  |
| Corn Oil                 | A (80°C)             | V                    | B (20°C)            | C                   | A (20°C) | R         | R                                        | A                                                                  |
| Cotton Oil               | A (70°C) - B (80°C)  | A (20°C) - C (80°C)  | B (65°C)            | C                   | A (20°C) | R         | R                                        | A                                                                  |
| Diesel Oil               | A (80°C)             | C                    | C                   | C                   | C        | R         | R                                        | A                                                                  |
| Ethyl Alcohol            | A (60°C) - B (85°C)  | A (90°C)             | A (70°C) - B (80°C) | A (20°C) - B (65°C) | B (20°C) | R         | R                                        | A                                                                  |
| Fluoboric Acid           | A (60°C) - B (85°C)  | A (60°C) - B (80°C)  | A (60°C) - B (85°C) | A (20°C) - B (65°C) | A (20°C) | R         | R                                        | A                                                                  |
| Fruit Juices             | A (60°C)             | A (100°C)            | A (60°C)            | V                   | A (20°C) | R         | R                                        | A                                                                  |
| Gelatine                 | A (70°C)             | A (80°C)             | A (60°C) - B (80°C) | A (20°C) - B (65°C) | A (20°C) | R         | R                                        | B                                                                  |
| Glucose                  | A (70°C)             | A (80°C)             | A (60°C)            | A (20°C) - B (48°C) | A (20°C) | R         | R                                        | A                                                                  |
| Glycerine                | A (80°C)             | A (80°C) - B (90°C)  | A (70°C)            | A (20°C) - B (65°C) | A (20°C) | R         | R                                        | A                                                                  |
| Hydocyanic Acid          | B (60°C)             | A (60°C)             | V                   | ND                  | B (20°C) | R         | R                                        | B                                                                  |
| Iodine                   | B (60°C)             |                      |                     |                     |          | LR        | NR                                       | A                                                                  |
| Kerosene                 | A (80°C)             | C                    | B (20°C)            | C                   | C        | R         | R                                        | A                                                                  |
| Lactic Acid (Conc.)      | A (20°C)             | A (60°C)             | A (20°C) - B (60°C) |                     |          | R         | R                                        | B                                                                  |
| Linseed Oil              | A (80°C)             | B (20°C)             | B (20°C)            | C                   | C        | R         | R                                        | A                                                                  |
| Magnesium Chloride       | A (70°C) - B (80°C)  | A (80°C) - B (100°C) | A (80°C) - B (90°C) | A (20°C) - B (85°C) | A (20°C) | R         | R                                        | B                                                                  |
| Magnesium Sulphate       | A (80°C) - B (100°C) | A (80°C) - B (100°C) | A (80°C) - B (90°C) | B (85°C)            | A (20°C) | R         | R                                        | A                                                                  |
| Mercury                  | A (60°C)             | A (60°C)             | A (60°C)            | A (20°C)            | A (20°C) | R         | R                                        | A                                                                  |
| Methyl Alcohol           | B (65°C)             | A (70°C) - B (80°C)  | A (60°C) - B (80°C) | B (37°C)            | A (70°C) | R         | R                                        | A                                                                  |

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| PRODUCT              | NBR                     | EPDM                | CR                  | NR                  | VQM      | 23 dgr    | 60 dgr                                   |                                                                    |
| Milk                 | A (60°C)                | A (100°C)           | A (60°C)            | A (20°C) - B (37°C) | A (20°C) | R         | R                                        | A                                                                  |
| Olive Oil            | A (80°C)                | B (20°C)            | V                   | C                   | V        | R         | NR                                       | C                                                                  |
| Oxalic Acid (Conc.)  | B (60°C)                | A (100°C)           | B (60°C)            | B (20°C)            | B (20°C) | R         | R                                        | B                                                                  |
| Palmitic Acid        | A (70°C)                | B (20°C)            | B (20-70°C)         | B (20°C)            | C        | R         | R                                        | B                                                                  |
| Paraffin             | A (60°C)                | C                   | B (20°C)            | V                   | C        | R         | R                                        | B                                                                  |
| Petrol               | A (80°C)                | C                   | C                   | C                   | C        | NR        | NR                                       |                                                                    |
| Pine Oil             | B (80°C)                | C                   | C                   | C                   | C        | R         | LR                                       | D                                                                  |
| Propylic Alcohol     | B (80°C)                | B (90°C)            | A (60°C) - B (90°C) | A (20°C) - B (65°C) | A (20°C) | R         | R                                        | B                                                                  |
| SAE Oil N. 10        | A (80°C)                | C                   | V                   | C                   | V        | R         | R                                        | A                                                                  |
| Sodium Chloride      | A (70°C)                | B (90°C)            | A (80°C)            | A (65°C)            | B        | R         | R                                        | A                                                                  |
| Sodium Hydrate       | B (65°C)                | A (20°C)            | B (90°C)            | A (20°C) - B (65°C) | C (20°C) | R         | LR                                       | C                                                                  |
| Soybean Oil          | A (80°C)                | V                   | B (20°C)            | C                   | C        | R         | R                                        | A                                                                  |
| Stearic Acid         | A (80°C)                | B (60°C)            | B (60-70°C)         | V                   | B (20°C) | R         | R                                        | B                                                                  |
| Sulphuric Acid (50%) | A (20°C) - C (80°C)     | B (60-80°C)         | B (70°C)            | B (26°C)            | V        | R         | R                                        | A                                                                  |
| Sulphuric Acid (80%) | A (20°C) - C (60- 80°C) | A (60°C) - C (80°C) | C                   | C                   | C        | R         | NR                                       | D                                                                  |
| Tomato Juices        | A (60°C)                | A (80°C)            | A (60°C)            | ND                  | ND       | R         | R                                        | A                                                                  |
| Vegetable Oil        | A (70°C)                | V                   | C (20°C)            | C                   | A (20°C) | R         | R                                        | A                                                                  |
| Vinegar              | B (20°C) - V (60°C)     | A (60-90°C)         | B (90°C)            | B (20°C)            | A (20°C) | R         | R                                        | B                                                                  |
| Water                | A (80°C)                | A (100°C)           | B (80°C)            | A (20°C) - B (80°C) | B (80°C) | R         | R                                        | A                                                                  |
| Whiskey              | A (90°C)                | A (90°C)            | A (60°C) - C (90°C) | A (20°C) - B (65°C) | A (20°C) | R         | R                                        | A                                                                  |
| Wine                 | A (90°C)                | A (90°C)            | A (90°C)            | A (20°C) - B (65°C) | A (20°C) | R         | R                                        | A                                                                  |