# TECHNICAL DATA SHEET(TDS)

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| **Product Name:** | EMUNIL(REFINED GLYCERIN USP GRADE 99.5% LIQUID) |
| **Chemical name:** | 1,2,3-Propanetriol, Glycerol, Glycerin / C3H8O3 |

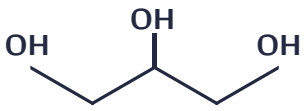
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| Document code: | PSJ-RD-FR-12-00 |
| Revision number: / Revision date: | 00 |

## COMPANY IDENTIFICATION

**Manufacturer:** PADIDEH SHIMI JAM CO. **Tell:** +98(21)88580000

**Address:** No.16, Western Fourth Golbarg St., Baharestan St., Dadman Blvd., TEHRAN, IRAN

## CHEMICAL STRUCTURE




## PHYSICOCHEMICAL PROPERTIES

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|---|---|
| Appearance | Transpare Transparent liquid |
| Glycerine content% | 99 _ 101 |
| Colour (Gardner / APHA) | (Max. 0.5 / Max. 10) |
| Acidity | Max. 0.2 |
| Fatty Acides and Esters | Max. 1 |
| Chloride, ppm | Max. 10 |
| Specific Gravity 20 | Min. 1.261 |
| Refractive Index 20 | 1.470 _ 1.475 |
| Moisture% | Max. 0.5 |
| Heavy Metal,ppm | Max. 5 |
| Sulphates,ppm | Max. 20 |

## FEATURES

A white viscous substance obtained from the purification of crude glycerin resulting from the hydrolysis of vegetable oils and animal facts and is a completely natural substance.

## APPLICATIONS

An essential ingredient in many beauty and personal care products including skin creams and lotions, bath and toilet soaps , toothpaste, face products, various types of beverages and food products for humans and pets , and one of the most widely used ingredients .it is used in all kinds of medicines,including ointments , syrups, capsules, suppositories, as well as in the textile and paper industry , antifreeze and explosives.

## STORAGE & STABILITY

Keep in a cool and dry place. Keep separate from oxidants. Avoid extreme heat and cold. Avoid direct fire. Store in clean, dry, and preferably stainless steel or HDPE vessels. In bulk, store at ambient temperature. Temperature higher than necessary degrades quality at rate dependent on time and temperature of exposure. Exposure to ultraviolet light, especially sunlight, must be minimized to prevent quality loss.

**Incompatible products:** KEEP SUBSTANCE AWAY FROM: heat sources, oxidizing agents, (strong) acids, (strong) bases.