

HYPNOC

THE NEXT GENERATION
OF BLEACH





HypNo is based on a halogene-free, heavy metal-free and odourless solution which replaces potassium permanganate, hypochlorite and allows a neutralisation without metabisulphite.

RUCORIT X- HYP + RUCORIT X-NOPP= PP spray substitute

RUCORIT X-HYP + RUCORIT X-NOCL= NaOCl substitute





Stone-washing with pumice stones, bleach with sodium hypochlorite, local abrasion with potassium permanganate.



Stone-washing free from pumice stones, bleach with **HypNo**, local abrasion with **HypNo**.



HypNo can replace both potassium permanganate and sodium hypochlorite with one more eco-friendly solution.



| Regular Process | | |
|------------------------------------|------------|-------------|
| | Time (min) | Water (lts) |
| Enzyme wash (WITH stones) | 30 | 100 |
| Rinse | 5 | 100 |
| Rinse | 5 | 100 |
| Towel bleach | 15 | |
| Neutralisation with metabisulphite | 10 | 100 |
| Hypochlorite bleach | 8 | 100 |
| Neutralisation with metabisulphite | 10 | 100 |
| Rinse | 5 | 100 |
| Dry | 20 | |
| PP Spray | | |
| Neutralisation with metabisulphite | | 100 |
| Rinse | 5 | 100 |
| Dry | 20 | |
| | 133 | 900 |

| HypNo Process | | |
|-------------------------------|------------|-------------|
| | Time (min) | Water (lts) |
| Enzyme wash (WITHOUT stones) | 20 | 100 |
| HypNo bleach | 5 | |
| Dry | 20 | |
| Neutralisation with detergent | 10 | 100 |
| Dry | 20 | |
| HypNo Spray | | |
| Neutralisation with detergent | 5 | 100 |
| Dry | 20 | |
| | 100 | 300 |



Birth child of our dedication
to science and of our duty to
identify responsible solutions.

It is alternative to traditional denim
bleaching agents currently under
the spot light because of their
alleged safety issues.



HypNo is the new
edge of denim
decolouration



Savings

Y
66,7%
WATER

Y
24,8%
TIME

Y PUMICE STONES

100%

Y
POTASSIUM
PERMANGANATE

100%

Y HYPOCHLORITE

100%

Y
METABISULPHITE

100%



HypNo is GOTS approved.
Bluesign and ZDHC
Chemical Gateway
certifications are pending.





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