

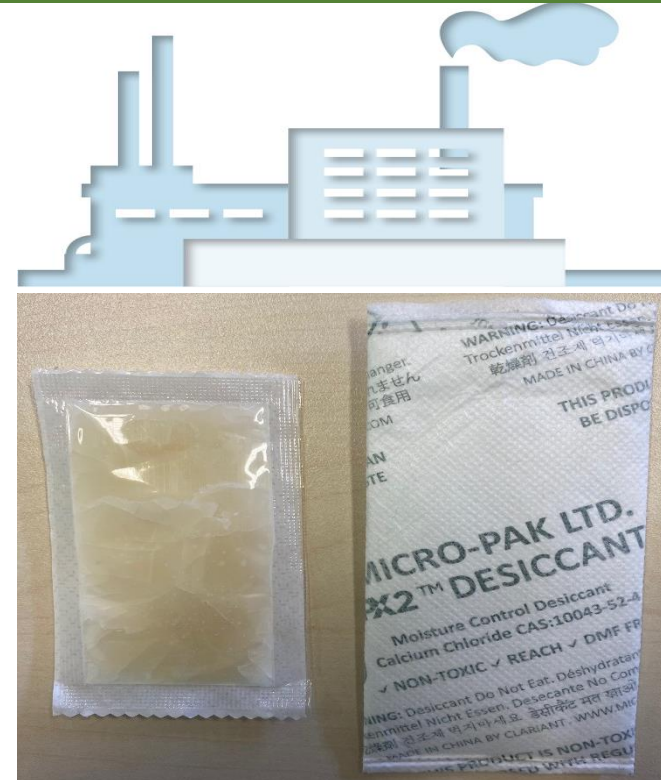
MICRO-PAK®

Unrivaled Mold & Moisture Protection

Micro-Pak Dri Clay® Kraft vs Calcium Chloride Environmental Impact



Micro-Pak Dri Clay® Kraft
(Bentonite Clay)



Micro-Pak MPX2®
Calcium Chloride Desiccants

- ✓ **Sustainable** - 100% natural, plastic-free and biodegradable
- ✓ **Effective** - Outperforms calcium chloride inside packages
- ✓ **Safe** – Chemical-free. No leakage and non-corrosive

Available in 5 sizes:



Back of sachet

Environmental Impact - Dri Clay® Kraft vs Calcium Chloride

Compare the environmental impact of using 100 million 5-gram calcium chloride sachets to the same quantity of Micro-Pak Dri Clay® Kraft:

Micro-Pak Dri Clay® Kraft



ZERO plastic to landfill (plastic-free)
Packaged in biodegradable Kraft paper

500

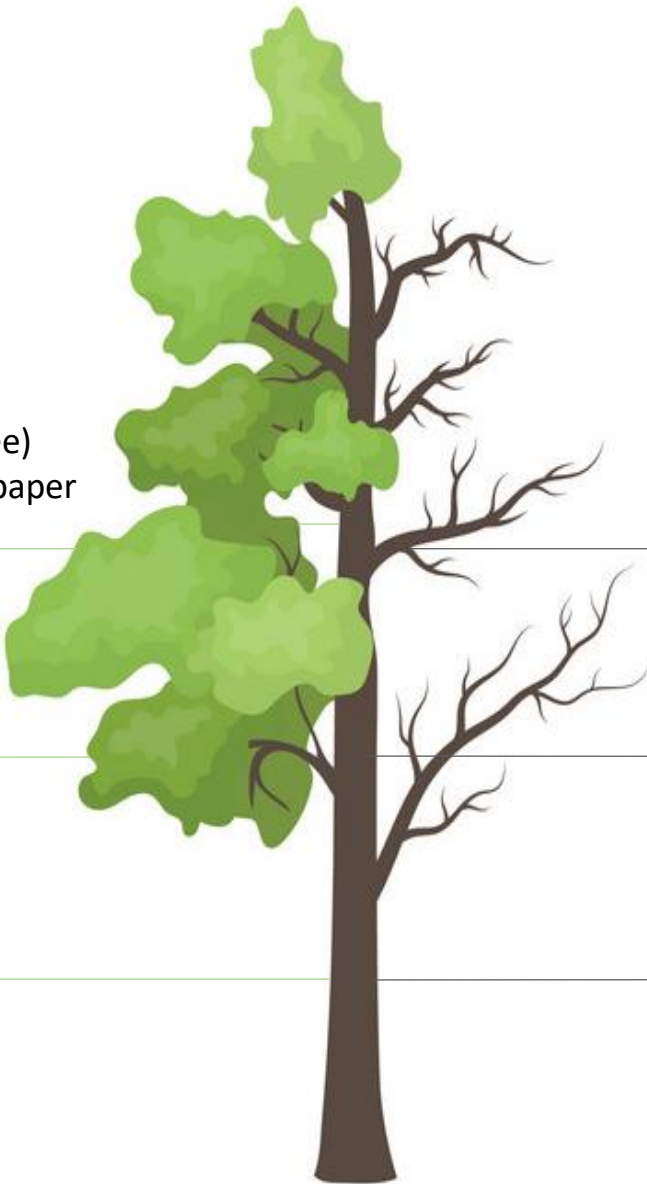
Metric tonnes
of natural clay to landfill



ZERO chemicals
Made of 100% bentonite clay

ZERO

No water used in production



Micro-Pak MPX2® Desiccant
(Calcium Chloride)

140 Metric tonnes of plastic
7,000,000 1-liter plastic bottles



500 Metric tonnes
of calcium chloride
to landfill



973 Metric Tonnes Hydrochloric Acid
458 Metric Tonnes Calcium Carbonate
37 Metric Tonnes Calcium Oxide



90,000 Liters of fresh water
used in production



Packaging Materials - Dri Clay® Kraft vs Calcium Chloride



Dri Clay® Packaging

- ✓ Plastic-free
- ✓ Biodegradable Kraft paper
- ✓ Water-based adhesives and ink



Calcium Chloride Packaging

- ✗ Calcium chloride turns into a corrosive liquid gel when it absorbs moisture
- ✗ Requires dual layered plastic packaging to prevent leakage:
 - ✗ Inner plastic layer made of high-density polyethylene fibres
 - ✗ Outer non-woven layer (also plastic) to absorb residual leakage
- ✗ Larger size uses at least **4X more packaging material** than other desiccants

Micro-Pak Dri Clay® Kraft	Calcium Chloride Desiccants
Ingredient <ul style="list-style-type: none">• 100% natural bentonite clay Packaging <ul style="list-style-type: none">• Plastic-free and biodegradable Kraft paper that is Forest Stewardship (FSC) certified	Ingredient <ul style="list-style-type: none">• Synthetic requiring chemicals Packaging <ul style="list-style-type: none">• Dual plastic layer. Not biodegradable.• Uses at least 4X more packaging material
Low Impact Production Process <ul style="list-style-type: none">• No chemical use and no additives or solvent• No water and low energy use means low carbon footprint• Sun drying is used where possible to further reduce energy use• Responsible mining at partner-owned sites that are restored to an equal or better state than when operations began	Higher Impact Production Process <ul style="list-style-type: none">• Requires significant chemical, water, and energy inputs
End of Life <ul style="list-style-type: none">• Both the ingredient and the packaging are plastic-free, non-toxic and biodegradable• No impact to soil or water systems	End of Life <ul style="list-style-type: none">• Both the ingredient and the packaging are made with chemicals, contain plastics and are not biodegradable.
Chemical Management <ul style="list-style-type: none">• Meets, exceeds or is exempt from international regulations• Contains no chemicals or chemical additives• REACH exempt and passes all Substances of Very High Concern (SVHC) tests• EPA compliant	Chemical Management <ul style="list-style-type: none">• Subject to annual REACH reporting. Check that it is REACH compliant in addition to passing Substances of Very High Concern (SVHC) tests
Safety <ul style="list-style-type: none">• Ingesting bentonite clay is similar to ingesting clay or even sand. Bentonite clay is non-toxic and will not cause any burns. In fact, it is commonly used in health/detox products where bentonite clay is mixed with water for digestive benefits and internal cleansing. In case of accidental ingestion drink plenty of water and seek medical attention in case of any irritation.	Safety <ul style="list-style-type: none">• Highly corrosive• Avoid contact with skin and eyes as can cause serious irritation• Do not ingest. Can cause severe gastrointestinal tract irritation with stomach pains, nausea, vomiting and even burns to the mouth. Seek immediate medical attention.