



ECOCLEAN AIR

**the most efficient
malodour absorber**

by **igl coatings™**

ECOCLEAN AIR IS THE

- ✓ fastest
- ✓ longest lasting
- ✓ only non-reversible

malodour absorber technology in
the market

ADDITIONAL BENEFITS

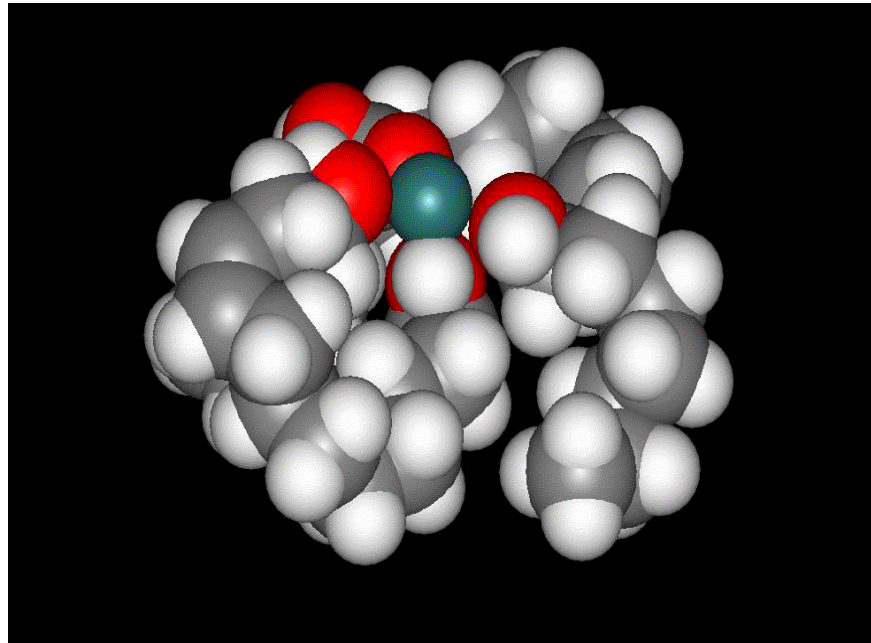
Ecoclean Air remove odours like

- ✓ cigarette smoke
- ✓ sweat
- ✓ garbage
- ✓ pet smell
- ✓ onions and garlic



ECOCLEAN AIR MODE OF ACTION

removes malodours by permanent
chemical bonding

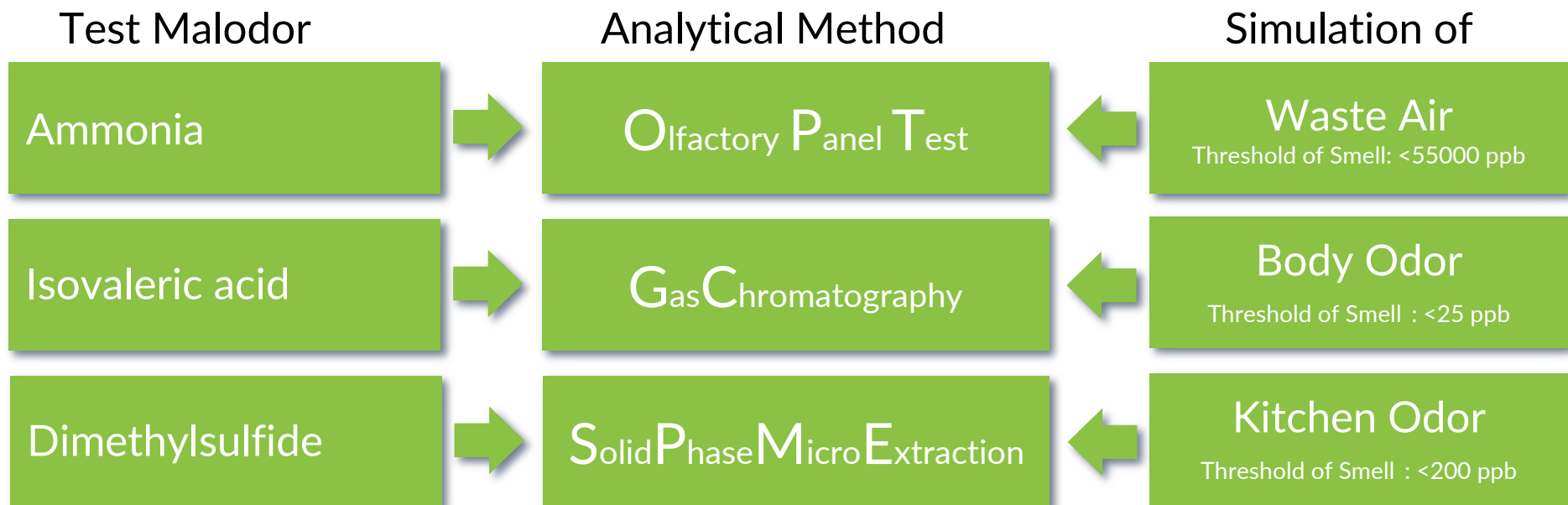
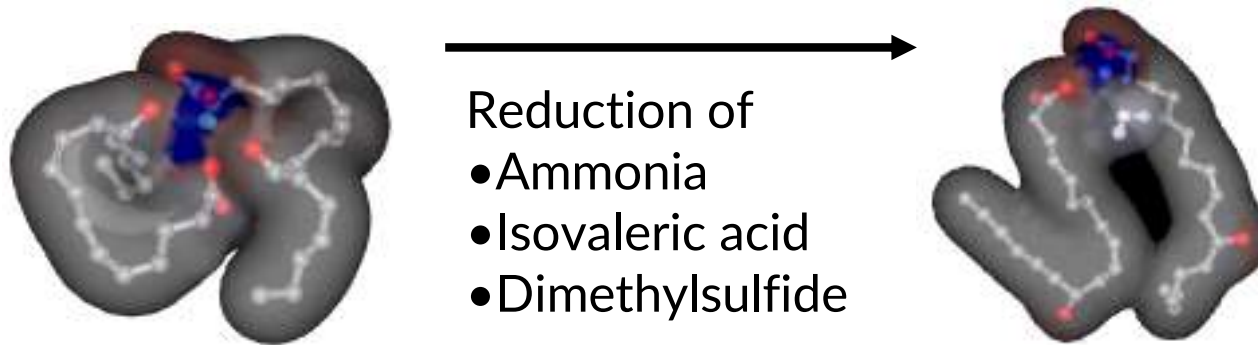


PRODUCT USE GUIDELINE

- ✓ textile & carpet refresher
- ✓ bins and toilet sanitizers
- ✓ pet care
- ✓ cat litter
- ✓ disinfecting

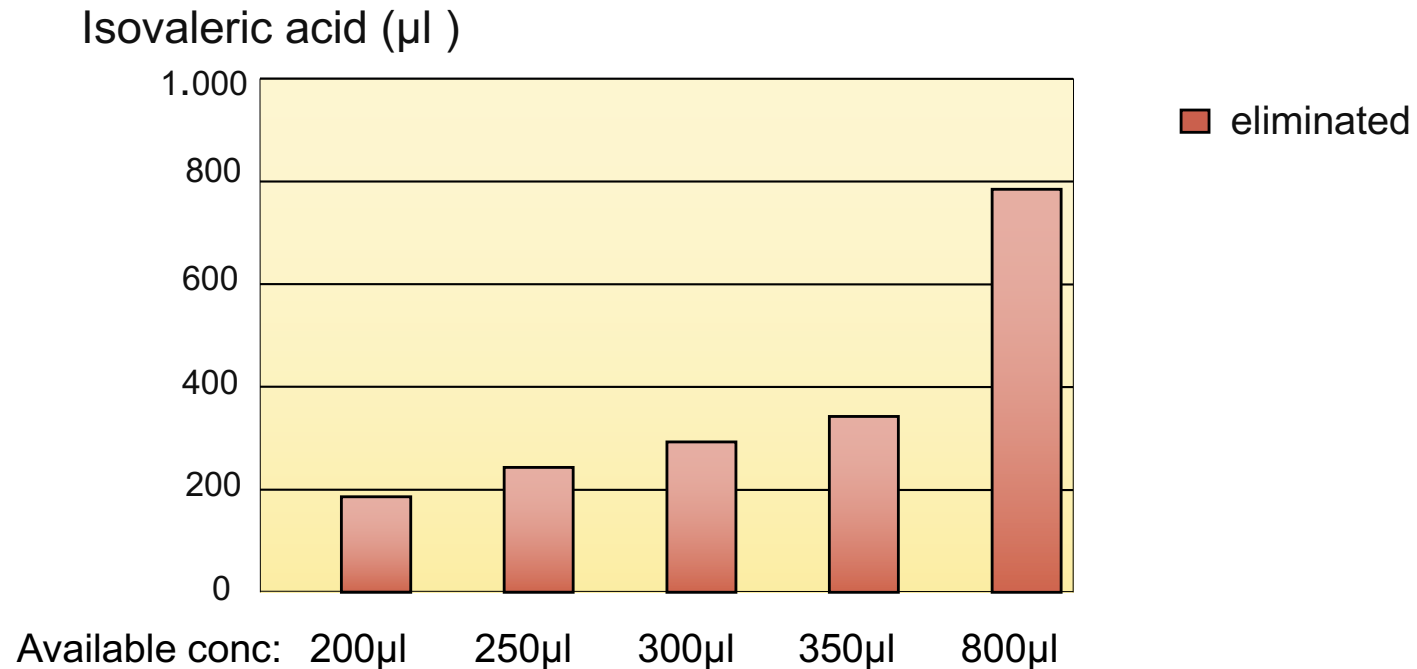


DETERMINATION OF MALODORS



EFFICIENCY OF ECOCLEAN AIR

Elimination of Isovaleric Acid



- Seal 50 ml of ecoclean air in a 1 litre flask with a septum.
- Heat up to 60 °C and add Isovaleric acid with a syringe.
- Measure the concentration of isovaleric acid in vapour phase by GC 24 hours after addition.
- At the final stage: Detection of isovaleric acid traces after 24 hours

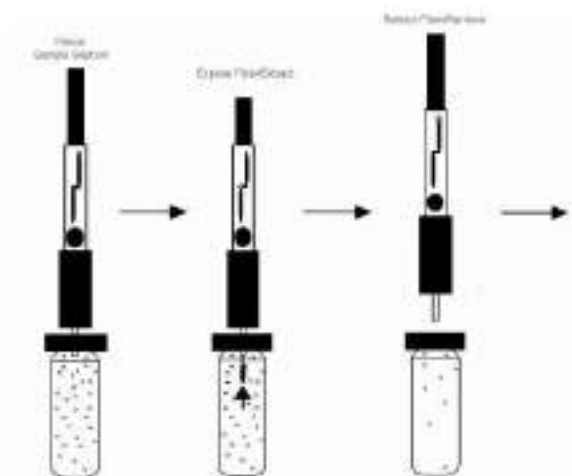
SPME – MALADORS DETERMINATION EQUIPMENT

SolidPhaseMicroExtraction with Autosampling and GC Detection

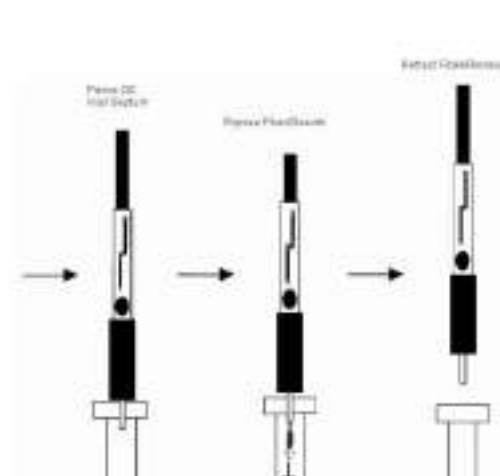


SPME – MALADOR DETERMINATION METHOD

- 1ml sample is added into test flask
- Close the test flask with a septum on top
- Add 1 μ l of DMF containing 0.2 to 40 μ g DMS
- Shake the test flask for 10 Min.
- Sample with special modified fibre
- Place in GC-Detection
- Detect and compare the DMS-Peaks



Adsorption - Sampling

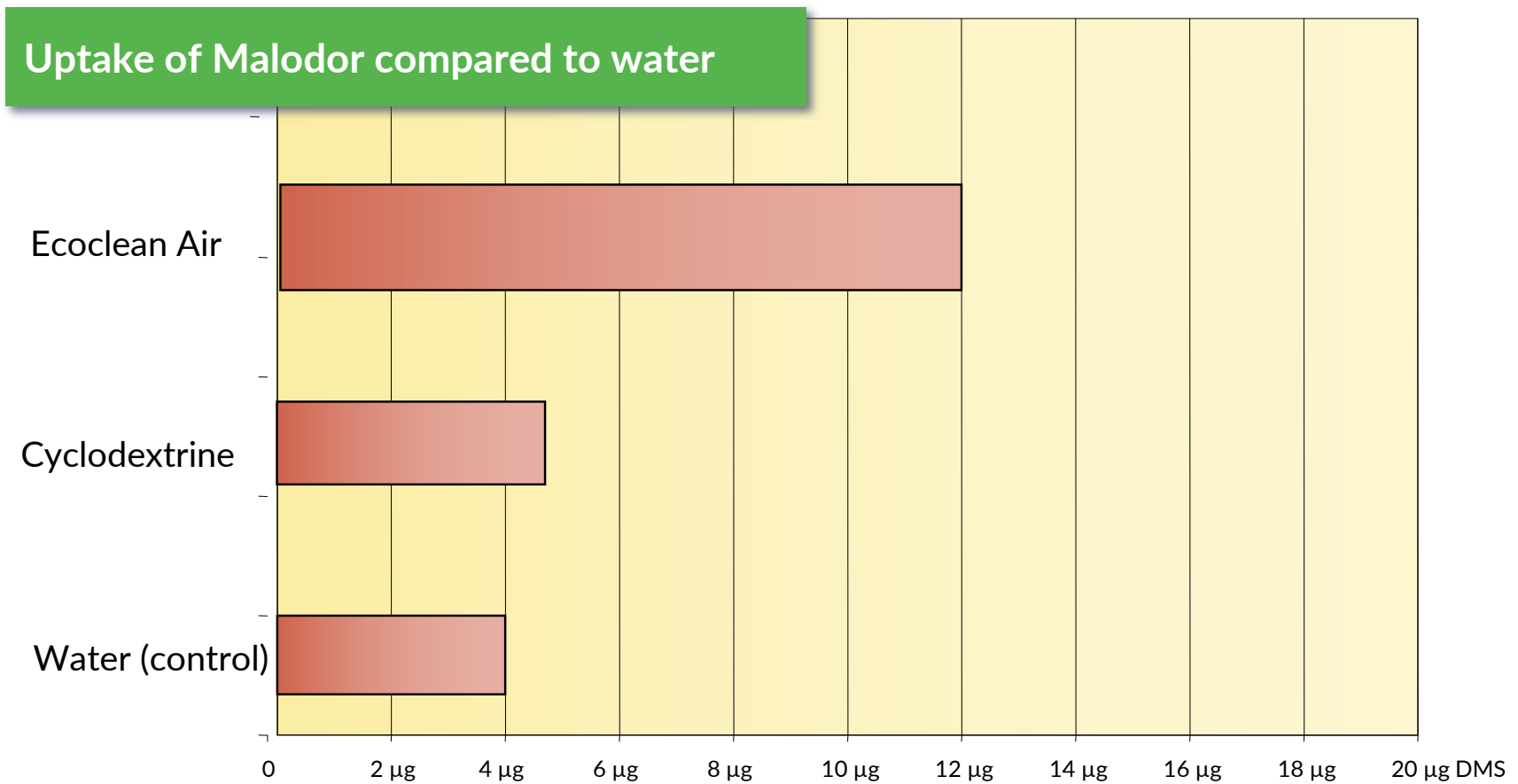


Desorption - Detection



COMPARISON SPME-EFFICIENCY

Levels of DMS concentrations absorbed by different absorber systems



AVOID PAIN AND CLOTHES PINS

It's your choice -
Ecoclean Air or clothes pins!





THANK YOU