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BADER®

S O U T H A F R I C A

To whom it may concern,

Please find attached our Application for exclusion of two waste streams for beneficial use:

Leather Shavings
Effluent Sludge

9055 – Risk assessment 2023

9056 – Risk Management plan 2023

Bader Document: 4 Point GPS co-ordinates

Bader Document: F2 8.1 14 SHER – Identification of waste streams

Bader Document: F2 8.1 48 SHER – Process Flow

Waste classifications available and will be forwarded upon request.

During this period we are still doing trials and have not yet started with the beneficial use. Use will start once approval is received from the DFFE.

Bader SA applies the hierarchy of waste and avoid, reduce, reuse and recycle all waste products as far as possible leaving us with a few waste streams that may still be used for the benefit of community and the environment. All the initiatives that Bader SA is currently applying for will be greatly beneficial to the environment by means of re-use and diverting +/- 200 ton of waste from landfill.

Fertilizer: (Wet White Shavings)

Bader Headcourters in Germany with AVEMA (info@avema.eu) use Wet white shavings to make fertilizer product and plant pots as shown below which is very beneficial to the environment by diverting waste from landfill to re-use to the benefit of the environment. Please feel free to visit the website to read all about this exciting venture.



[AVEMA | Plant pot GRETA](#)

Our organic fertilizers are natural fertilizers derived from animal sources. Unlike synthetic fertilizers, which are chemically produced, organic fertilizers contain a variety of nutrients and microorganisms that promote plant growth and improve soil quality.

Wet white Leather shavings are being tested as a component to fertilizer and compost



Composting: (Effluent Sludge) 

We are looking towards Billy's organic Composting for a possible solution with our effluent sludge (wet white shavings will also be trialed for this process in due course). The sludge will form less than 1% of the compost due to sheer volume produced. Process will be reviewed and viability established.

Spill kit absorbant: (Wet Blue leather shavings)

We are looking toward a possible solution for the Wet blue shavings as a spill kit absorbant. The shavings are a very good absorbant, we have been using it in our own process in internal spill kits. The shavings can absorb big amounts of liquid the same way wooden shavings does. We are still in the process of making samples as seen below (white bag) and will look for possible opportunities while awaiting the exclusion approval.



This initiative may be beneficial to the local community, it may be a good opportunity for a smaller enterprise should we find a suitable candidate and offset for the product.

Community: We have applied for exclusions on Leather shavings and Effluent sludge for beneficial use for brick making before and have had some measure of success also giving community projects the opportunity to benefit. Tumelo from Toloane bricks is an associate that benefits at current. Bader SA takes social responsibility serious and assists numerous people with the opportunity to benefit from general waste like our foam being re-made into pillows and leather offcuts used to produce bags etc.

Please contact me should you require any additional information.

Kind Regards,
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