



Statsafe™
Anti-Static Additive

FREE OF CHARGE

Customer support is a number one priority for us and with Statsafe™ we always get a positive reaction.

Food Contact Approved Anti-Static Additive for Polyolefin Manufacturing.

The Statsafe™ range is designed to reduce static generation and fouling during polyolefin manufacture.

You can rest assured our numbers stack up. Through the integration of Statsafe™ you can expect increased throughput and improved reactor efficiencies of up to 15%.

Fewer maintenance shut downs mean we can save you valuable time and revenue.

Add to that, the fact our Statsafe™ solution can improve catalyst dispersal and efficiency.

We're positive you'll be pleased with the results.

For more information or to request a
sample, contact us today:
E: Statsafe@innospecinc.com
T: +44 (0) 7920 563 642

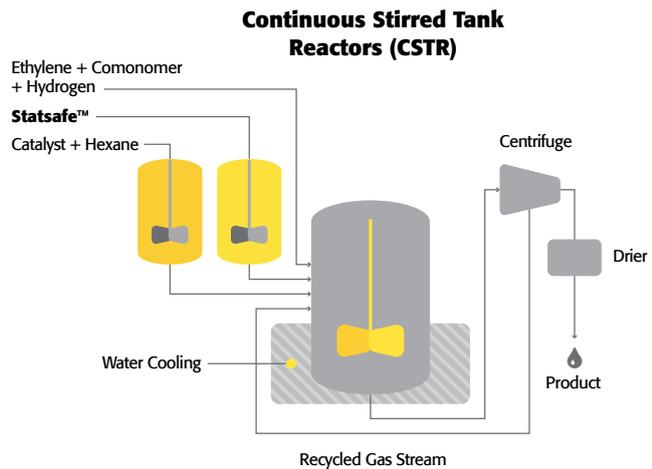
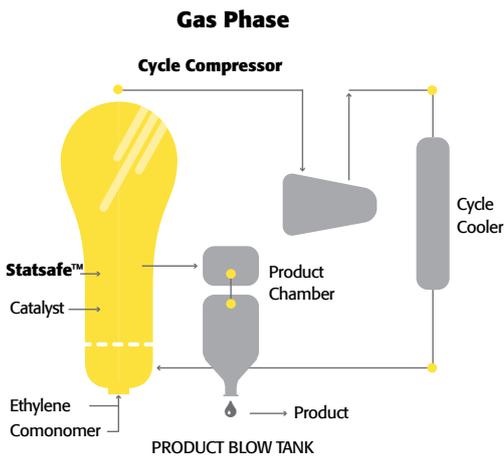
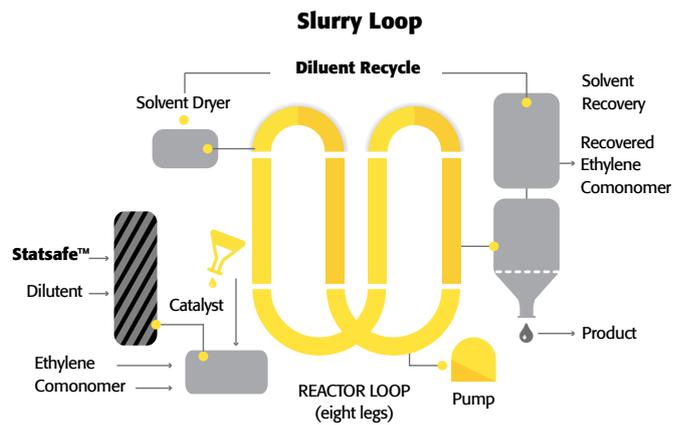
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Statsafe™

POLYOLEFIN PROCESSES

Examples of the use of Statsafe™ 6000 in different polyolefin processes.

All polyolefin processes are highly exothermic and the safe removal of the heat of reaction is a fundamental issue in the process design.



THE FACTS

In polyolefin manufacturing processes, static charging of the polymer particles can result in fouling of the reactor wall, leading to reduced heat transfer and ultimately shut down of the plant for cleaning.

The Statsafe™ series of anti-static agents are designed to reduce static generation and therefore minimize these problems. They enable higher production rates and also provide more stable production with less down time, resulting in higher efficiencies. Statsafe™ is currently being used in polyolefin processes around the world in gas phase, slurry and slurry loop reactors for LLDPE, HDPE and UHMWPE production.

Statsafe™ can be added neat, mixed with a catalyst, or as a solution. Adding Statsafe™ to the catalyst can also aid dispersal and prevent catalyst sticking to the dosing vessels and lines.

Statsafe™ 6000

- ✓ Aromatic free <0.1%
- ✓ Alcohol free <0.1% (catalyst poison)
- ✓ Lower Water Content – typical 0.1% (catalyst poison)
- ✓ Naphthalene free
- ✓ Made from all synthetic or vegetable based components
- ✓ Halal certified
- ✓ Food contact approved



Advantages of Statsafe™

- ✓ Reduce fouling and sheeting in the reactor
- ✓ Improve catalyst dispersal
- ✓ Increased reactor throughput
- ✓ Increases thermal stability
- ✓ Cost savings from higher plant capacity
- ✓ Fewer shut downs for cleaning and low treat cost



Cost Benefits

Statsafe™ 6000 can increase reactor throughput and reduce reactor fouling leading to fewer plant outages. Typical treat rates of 1-10ppm provide a considerable financial return to be made by the use of the product.

Regulatory inventory listings:

US (TSCA), Canada (DSL),
Europe (REACH), Korea (KECI),
Philippines (PICCS),
New Zealand (NZIoC),
Australia (AICS),
China (IECSC),
Japan (ENCS)

Product availability

Statsafe™ is available in drums or pails.

Statsafe™ 6633: For ease of handling, a lower viscosity, more dilute form **Statsafe™ 6633** is also available.