Technical Data Sheet

Description

*eOx* AeroTech 2000 (AT) is a ready to use specialty product for aircraft engine manufacturers and engine maintenance and remanufacturing. It is suitable for aircraft engine materials. *eOx* AT removes difficult substances such as hydraulic oil, carbon and lubricants safely. *eOx* AT conforms to **ARP 1755B** for cleaning agents on aircraft engine materials; **ASTM F 519-97 TYPE 1A** for Mechanical Hydrogen Embrittlement; and **ASTM F 945-98** on AMS 4911 alloy.

Advantages

- Non-toxic
- Non-flammable
- Non-hazardous - Not subject to dangerous goods regulations.
- No phosphates, acids or silicones
- High biodegradability (tested by the University of Ghent, Belgium)
- Very economical to use.
- Contains no phosphates, acids, silicones and is non-butyl.
- Safe to use on all surfaces including metal, plastic & rubber materials with no stock loss.
- Fast, intense cleaning action surpasses other cleaners’ performance.
- Cleaned surfaces become slightly *antistatic* and corrosion inhibitive for up to 4 weeks.
- Can be effective used as a spray-on & wipe-off process.
- Safe for use in high-pressure washers, immersion systems and ultrasonic machines.
- Fresh smell – NOT citrus

Application

*eOx* AT is ready to use but can be diluted up to 1:1 with water. It can also be used to clean smaller parts in an ultrasonic cleaning tank.

- Work on limited areas so that product does not dry before rinsing.
- Whatever system is used for cleaning with *eOx* AT, a mechanical action (brush, sponge, aeration of solution, ultrasonic, etc.) is required to break the surface tension of the dirt. Just wetting or soaking for an extended time will *not* be sufficient for cleaning.
- After 2 cleanings, *eOx* AT will form an *anti-static* layer on the cleaned surface. This layer helps prevent dirt from sticking to the surface in the future, thereby making it easier to remove.
- Warming *eOx* AT accelerates the cleaning process.
- Circulation of the solution in a parts washer will enhance cleaning.
- Ultrasonic baths will accelerate cleaning time, but are not required.
- Contaminants may be precipitated or filtered out of the *eOx* AT product solution to facilitate disposal. The remaining *eOx* AT may be reused provided pH continues to meet specifications.
**Package Sizes**
1-quart ready to use spray bottles
12 x 1-quart ready to use spray bottles
1-gallon poly bottles
4 x 1-gallon cases
55-gallon poly drums

**Shelf Life**
2-years

**Storage**
Do not store under 35°F/2C and not above 122°F/50C. Do not use below 35°F/2C.

**Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Hazard Class:</td>
<td>Health 0 (as used)</td>
</tr>
<tr>
<td></td>
<td>Flammability 0</td>
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<tr>
<td></td>
<td>Reactivity 0</td>
</tr>
<tr>
<td>VOC:</td>
<td>&lt; 1 g/L (as used)</td>
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<tr>
<td>pH:</td>
<td>12.9 (concentrate)</td>
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<tr>
<td>Flash point:</td>
<td>None</td>
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