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## Technical Data Sheet • CHEMEON® Passivate 6000

### Description:

Environmentally safe passivate that is effective on all stainless steel alloys.

### Operating Conditions:

Method of Application:	Immersion
Appearance:	Clear yellow liquid
Concentration:	7-30% by volume
Temperature:	80°F – 170°F (120°F – 160°F preferred)
pH:	10% in water 1.6
Time	15-20 min
Tank:	Acid resistant, Stainless steel, polyethylene or polypropylene
Heating Equipment:	Acid resistant, stainless steel, Teflon or quartz

### Recommendations For Make-Up and Maintenance:

Maintain at the initial pH by additions of Passivate 6000

1. Measure 10 ml of the Passivate 6000 bath into a 250 ml flask or beaker
2. Add 50 ml of water
3. Add 3-4 drops of phenolphthalein indicator.
4. Titrate with 1.0N NaOH till the color changes to red.
6. Record mls of 1.0N NaOH.
7. % by volume of Passivate 6000 = mls of 1.0N NaOH x 1.16

### Physical and Safety Data:

CHEMEON Passivate 6000 is a clear yellow liquid and poses no acute or chronic health problems.

### Packaging:

55-gallon drum  
5-gallon pail

The information contained in this data sheet is for our customer's general purpose. For specific applications, the user should determine the most suitable conditions for their applications.

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