



2612 S. Greeley St., Milwaukee WI 53207 P (414) 486-0528 F (414) 486-0529

## STAT 125™ Oxidizing Agent

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

**Distributor:**

Advanced Chemical Systems  
2612 S. Greeley Street  
Milwaukee, WI 53207  
Phone: (414) 486-0528  
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**Emergency Phone:**  
Infotrac: **1-800-535-5053**  
  
Date Updated: 04/06  
Preparer: C. Fox

**Description:** STAT 125™ is a liquid, chlorine based (NaOCl), oxidizer designed for use in a variety of industrial treatment applications. When added to water STAT 125™ forms Hypochlorous Acid (HOCl) a powerful oxidizing agent.

STAT 125™ is most effective between a pH of (6.0-9.0). In situations where pH is greater than 9.0 it may be advantageous to utilize STAT 125™ in conjunction with STAT 140™ a liquid bromine salt (NaBr). This combination produces Hypobromous Acid (HOBr) an oxidant that maintains its effectiveness at a higher pH.

<b>Physical Data:</b> Appearance:	colorless to light yellow, liquid
pH (neat) :	12-13
Form:	Liquid
Specific gravity (@25°C):	1.22
Density (lbs/gal):	10.17

**Feed Rate:** STAT 125™ feed rates will range from 1 to well over 100 ppm. Usage rates are typically calculated based on oxidant demand. For an accurate determination, consult your ACS Sales consultant.

**Feed Method:** STAT 125™ is fed directly from the shipping container into an area with good mixing. The pump head, tubing and fittings should be made of appropriate materials of construction including; polyethylene, polypropylene, PVC, Teflon, Kynar or polystyrene. **Stainless steel and carbon steel are not recommended.**

**Packaging:** STAT 125™ is available in 15-gallon pails, 55-gallon drums, 220, 275 and 330 gallon Totes and bulk quantities.

**Storage:** Storage for more than six months is not recommended. STAT 125™ should be stored at moderate temperatures (40° - 85°F). If frozen, thaw completely and mix thoroughly prior to use.

**Handling:** STAT 125™ should be handled as any strongly alkaline material. Rubber gloves, face shield and apron are recommended when handling this material

**First Aid:** Flush eyes 15 minutes with water. Flush skin with water and remove contaminated clothing. Do not take internally. DO NOT INDUCE VOMITING.

**Note: For additional information see MSDS**

**IMPORTANT:** Read and follow carefully all directions supplied by Advanced Chemical Systems. Advanced Chemical Systems warrants that this material is reasonably fit for the purposes stated in our literature when used in accordance with our written and verbal directions. Under no circumstances shall Advanced Chemical Systems be liable for incidental consequential or other damages from alleged negligence, breach of warranty, strict liability or any other theory arising out of the use or handling of this product. Neither this warranty nor any other warranty of merchant or fitness of purpose, neither express or implied, extends to the use of this material contrary to our directions, or under conditions not reasonably foreseeable by Advanced Chemical Systems.