



## 40% UREA SOLUTION PRODUCT DATA SHEET

FOR RAIL/MARINE/WASTEWATER/POWER GENERATION INDUSTRIES

Blue Sky is a premier manufacturer of diesel exhaust fluid and 40% Urea solution. We are proud to offer this trusted emission-control solution to our North American customers. Blue Sky 40 is a 40% urea solution for rail and marine engines. Blue Sky has the ability to provide Coast Guard-approved over-the-water pumping (*available in certain locations. Please contact us for more details*). In addition to supplying the rail and marine industry our 40% urea solution can also be used for wastewater treatment and power generation. It is a simple-to-use, low cost, clean solution for meeting the 2010 EPA Clean Air Act requirements. We ensure a quality product with an extensive, redundant quality management process, controlling specifications through the entire product channel—from manufacturing through distribution to the end user.

### PHYSICAL AND CHEMICAL PROPERTIES

Urea (wt%)	40.25
Biuret (wt%)	0.30
pH	9.0-9.5
Specific Gravity@68°	1.113
Density (lb/gal)	9.28
Crystallization Temperature	35°F
Color	Colorless, Clear Liquid
Production Water	DI Water with typical conductivity <10.0 umho
Formaldehyde	0.0 ppm
Phosphate as P <sub>0</sub> <sub>4</sub>	<0.5 ppm
Silica as SiO <sub>2</sub>	<1.0 ppm
Metals	<0.5 ppm each (as the Metal)*

\* Including Na, K, Ca, Mg, Zn, Cr, Ni, Cu, Fe

### STORAGE AND HANDLING INSTRUCTIONS

**Handling:** Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM 0-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits. Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

**Storage:** Keep container(s) tightly closed. Do not heat or contact with strong oxidizers. Use and store this material in cool, dry, well-ventilated areas. Do not store at temperatures below 40°F. Store only in approved containers. Keep away from any incompatible material. Protect container(s) against physical damage.

See our Safety Data Sheet for more information on material compatibility and exposure instructions.

### GENERAL

Shipping Points—KY, CO, NJ, NC, KS, TX

Shipping Containers—Full Truckloads, Totes and/or Drums



Manufactured by:  
Blue Sky East, LLC.  
800 Roosevelt Avenue  
Carteret, NJ 07008



855.258.7593 | 855.BluSkyDEF



BlueSkyDEFna.com