

SECTION B.
CITY OF HOUSTON
TECHNICAL SPECIFICATIONS
FOR
CHEMICAL, HYDROCARBON DISPERSANT
FOR
THE FIRE DEPARTMENT

1.0 SPECIAL NOTE:

These specifications are written as guidelines and standards of quality and performance in the supply and delivery of HYDROCARBON DISPERSANT to the Houston Fire Department.

2.0 QUALITY:

2.1 Material to be a highly concentrated Alkaline Detergent, non-flammable, non-corrosive, non-polluting, non-toxic and biodegradable.

2.2 The quality of the Hydrocarbon Dispersant delivered shall be:

PHYSICAL PROPERTIES

Boiling Point.....212°F
Solubility/Water.....Complete
Specific Gravity.....1.056
PH.....12.6 ph (No Exceptions)
Flash Point.....None

2.2.1 Dispersant shall contain no hydrocarbon solvents.

2.2.2 Dispersant shall produce satisfactory results emulsifying hydrocarbon spills using a standard Fire Department Foam Eductor rate not exceeding 1.5 percent.

2.2.3 Hydrocarbon Dispersant will be tested against unleaded gasoline and diesel fuel with diesel being the primary of the test. The dispersant, once applied, will be required to break down the fuel and keep it suspended for a period of 60 minutes.

2.2.4 Without agitation, dispersant must be totally miscible when poured into water.

2.2.5 Prior to acceptance, upon request, the successful bidder shall furnish five (5) gallons of dispersant to the Hazardous Materials Response Team for testing and evaluation. The results of this testing and acceptable performance of the material will rest with the Houston Fire Department's evaluation staff. Their recommendations will be final in acceptance or rejection of bid.

2.2.6 Dispersant shall be supplied in a Blue UN3H1/Y1.8/100 rectangle or square plastic high-density polyurethane tight head plastic pail container.