

Let me get you started with this table on toxicity of the dispersants listed on the NCP Product Schedule. **Note:** the higher the LC50 value the better (It is the number of species that survive the Tox. test)

Dispersants

Product (1:10 Product-to-No. 2 Fuel Oil ratio)	Toxicity (LC50 values in ppm)		Effectiveness (%)		
	Menidia (96-hr)	Mysidopsis (48-hr)	Prudhoe Bay Crude Oil	South Louisiana Crude Oil	Average of Crude Oils
BIODISPERS	5.95	2.66	51.00	63.00	57.00
COREXIT® EC9500A	2.61	3.40	45.30	54.70	50.00
COREXIT® EC9527A	4.49	6.60	37.40	63.40	50.40
DISPERSIT SPC 1000™	7.90	8.20	40.00	100.00	73.00
FINASOL OSR 52	5.40	2.37	32.50	71.60	52.10
JD-109	3.84	3.51	26.00	91.00	58.50
JD-2000™	3.59	2.19	60.40	77.80	69.10
MARE CLEAN 200	42.00	9.84	63.97	84.14	74.06
NEOS AB3000	57.00	25.00	19.70	89.80	54.80
NOKOMIS 3-AA	34.22	20.16	63.20	65.70	64.50
NOKOMIS 3-F4	100	58.40	62.20	64.90	63.55
SAF-RON GOLD	9.25	3.04	84.80	53.80	69.30
SEA BRAT #4	23.00	18.00	53.55	60.65	57.10
SEACARE ECOSPERSE 52 (see FINASOL® OSR 52)	5.40	2.37	32.50	71.60	52.10
SEACARE E.P.A. (see DISPERSIT SPC 1000™)	7.90	8.20	40.00	100.00	73.00
SF-GOLD DISPERSANT (see SAF-RON GOLD)	9.25	3.04	84.80	53.80	69.30
ZI-400	8.35	1.77	50.10	89.80	69.90
ZI-400 OIL SPILL DISPERSANT (see ZI-400)	8.35	1.77	50.10	89.80	69.90

Leigh E. DeHaven
U.S. Environmental Protection Agency