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Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

SAFETY DATA SHEET

Alexa Fluor® 594-Conjugated Antibody, Streptavidin, and Purified Serum Protein, freeze-dried with preservative

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Alexa Fluor® 594-Conjugated Antibodies, Streptavidin, and Purified Serum Proteins, freeze-dried with preservative

Product code:

001-580-003	109-585-098	112-585-072	115-586-008	304-585-003	304-585-003	705-585-147
003-580-003	109-585-127	112-585-075	115-586-020	304-585-008	304-585-008	705-586-147
005-580-003	109-585-129	112-585-143	115-586-062	305-585-003	305-585-003	706-585-148
009-580-003	109-586-003	112-585-167	115-586-068	305-585-006	305-585-006	706-586-148
011-580-003	109-586-006	112-585-175	115-586-071	305-585-008	305-585-008	709-585-073
012-580-003	109-586-008	112-586-003	115-586-072	305-585-045	305-585-045	709-585-098
013-580-003	109-586-064	112-586-062	115-586-075	305-585-046	305-585-046	709-585-149
015-580-003	109-586-088	112-586-068	115-587-003	305-585-047	305-585-047	709-586-073
016-580-084	109-586-097	112-586-071	115-587-020	305-586-003	305-586-003	709-586-098
017-580-003	109-586-098	112-586-072	123-585-021	305-586-006	305-586-006	709-586-149
101-585-003	109-586-127	112-586-075	127-585-099	305-586-008	305-586-008	711-585-152
101-585-165	109-586-129	112-587-003	127-585-160	305-586-045	305-586-045	711-586-152
101-586-003	109-587-003	114-585-003	200-582-037	305-586-046	305-586-046	711-587-003
102-585-003	109-587-043	115-585-003	200-582-156	305-586-047	305-586-047	712-585-150
102-585-006	111-585-003	115-585-006	200-582-211	305-587-003	305-587-003	712-585-153
102-585-008	111-585-006	115-585-008	205-582-176	307-585-003	307-585-003	712-586-150
103-585-155	111-585-008	115-585-020	205-585-108	307-586-003	307-586-003	712-586-153
106-585-003	111-585-045	115-585-044	209-585-082	308-585-003	308-585-003	712-587-003
106-585-006	111-585-046	115-585-062	209-585-088	309-585-003	309-585-003	713-585-003
106-585-008	111-585-047	115-585-068	209-585-097	309-585-006	309-585-006	713-585-147
106-586-003	111-585-144	115-585-071	209-585-098	309-585-008	309-585-008	713-586-147
107-585-142	111-586-003	115-585-072	211-582-171	309-585-011	309-585-011	715-585-020
107-586-142	111-586-045	115-585-075	211-585-109	309-585-015	309-585-015	715-585-140
108-585-003	111-586-046	115-585-146	212-585-082	309-585-064	309-585-064	715-585-150
108-585-008	111-586-047	115-585-164	212-585-104	309-585-082	309-585-082	715-585-151
108-586-003	111-587-003	115-585-166	212-585-106	309-585-095	309-585-095	715-586-020
109-585-003	112-585-003	115-585-174	212-585-168	309-585-107	309-585-107	715-586-150
109-585-006	112-585-006	115-585-205	212-586-168	309-586-003	309-586-003	715-586-151
109-585-008	112-585-008	115-585-206	213-582-177	309-586-008	309-586-008	715-587-003
109-585-011	112-585-020	115-585-207	301-585-003	309-586-043	309-586-043	805-585-180
109-585-044	112-585-044	115-585-208	303-585-003	312-585-003	312-585-003	.
109-585-064	112-585-062	115-585-209	303-585-006	312-585-020	312-585-020	.
109-585-088	112-585-068	115-586-003	303-585-008	312-585-044	312-585-044	.
109-585-097	112-585-071	115-586-006	303-586-003	312-585-045	312-585-045	.

SDS #: 14EU

Product description:

001-580-003	Alexa Fluor® 594-ChromPure Bovine IgG, whole molecule
003-580-003	Alexa Fluor® 594-ChromPure Chicken IgY (IgG), whole molecule
005-580-003	Alexa Fluor® 594-ChromPure Goat IgG, whole molecule
009-580-003	Alexa Fluor® 594-ChromPure Human IgG, whole molecule
011-580-003	Alexa Fluor® 594-ChromPure Rabbit IgG, whole molecule
012-580-003	Alexa Fluor® 594-ChromPure Rat IgG, whole molecule
013-580-003	Alexa Fluor® 594-ChromPure Sheep IgG, whole molecule
015-580-003	Alexa Fluor® 594-ChromPure Mouse IgG, whole molecule
016-580-084	Alexa Fluor® 594-Streptavidin
017-580-003	Alexa Fluor® 594-ChromPure Donkey IgG, whole molecule
101-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Bovine IgG (H+L)
101-585-165	Alexa Fluor® 594-AffiniPure Goat Anti-Bovine IgG (H+L) (min X Ar Hms,Hu,Ms,Rat Sr Prot)
101-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Bovine IgG (H+L)
102-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Cat IgG (H+L)
102-585-006	Alexa Fluor® 594-AffiniPure Goat Anti-Cat IgG, F(ab')2 Fragment Specific
102-585-008	Alexa Fluor® 594-AffiniPure Goat Anti-Cat IgG, Fc Fragment Specific
103-585-155	Alexa Fluor® 594-AffiniPure Goat Anti-Chicken IgY (IgG) (H+L) (min X Bov,Gt,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat,Shp Sr Prot)
106-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Guinea Pig IgG (H+L)
106-585-006	Alexa Fluor® 594-AffiniPure Goat Anti-Guinea Pig IgG, F(ab')2 Fragment Specific
106-585-008	Alexa Fluor® 594-AffiniPure Goat Anti-Guinea Pig IgG, Fc Fragment Specific
106-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Guinea Pig IgG (H+L)
107-585-142	Alexa Fluor® 594-AffiniPure Goat Anti-Syrian Hamster IgG (H+L) (min X Bov,Hrs,Hu,Ms,Rb,Rat Sr Prot)
107-586-142	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Syrian Hamster IgG (H+L) (min X Bov,Hrs,Hu,Ms,Rb,Rat Sr Prot)
108-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Horse IgG (H+L)
108-585-008	Alexa Fluor® 594-AffiniPure Goat Anti-Horse IgG, Fc Fragment Specific
108-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Horse IgG (H+L)
109-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG (H+L)
109-585-006	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG, F(ab')2 Fragment Specific
109-585-008	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG, Fcγ Fragment Specific
109-585-011	Alexa Fluor® 594-AffiniPure Goat Anti-Human Serum IgA, α Chain Specific
109-585-044	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG + IgM (H+L)
109-585-064	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgA + IgG + IgM (H+L)
109-585-088	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG (H+L) (min X Bov,Hrs,Ms Sr Prot)
109-585-097	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG, F(ab')2 Fragment Specific (min X Bov,Hrs,Ms Sr Prot)

109-585-098	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG, Fcγ Fragment Specific (min X Bov,Hrs,Ms Sr Prot)
109-585-127	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgG + IgM (H+L) (min x Bov Sr Prot)
109-585-129	Alexa Fluor® 594-AffiniPure Goat Anti-Human IgM, Fc5µ Fragment Specific (min X Bov Sr Prot)
109-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgG (H+L)
109-586-006	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgG, F(ab')2 Fragment Specific
109-586-008	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgG, Fcγ Fragment Specific
109-586-064	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgA + IgG + IgM (H+L)
109-586-088	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgG (H+L) (min X Bov,Hrs,Ms Sr Prot)
109-586-097	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgG, F(ab')2 Fragment Specific (min X Bov,Hrs,Ms Sr Prot)
109-586-098	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgG, Fcγ Fragment Specific (min X Bov,Hrs,Ms Sr Prot)
109-586-127	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgG + IgM (H+L) (min X Bov Sr Prot)
109-586-129	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Human IgM, Fc5µ Fragment Specific (min X Bov Sr Prot)
109-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Goat Anti-Human IgG (H+L)
109-587-043	Alexa Fluor® 594-AffiniPure Fab Fragment Goat Anti-Human IgM, Fc5µ Fragment Specific
111-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Rabbit IgG (H+L)
111-585-006	Alexa Fluor® 594-AffiniPure Goat Anti-Rabbit IgG, F(ab')2 Fragment Specific
111-585-008	Alexa Fluor® 594-AffiniPure Goat Anti-Rabbit IgG, Fc Fragment Specific
111-585-045	Alexa Fluor® 594-AffiniPure Goat Anti-Rabbit IgG (H+L) (min X Hu Sr Prot)
111-585-046	Alexa Fluor® 594-AffiniPure Goat Anti-Rabbit IgG, Fc Fragment Specific (min X Hu Sr Prot)
111-585-047	Alexa Fluor® 594-AffiniPure Goat Anti-Rabbit IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
111-585-144	Alexa Fluor® 594-AffiniPure Goat Anti-Rabbit IgG (H+L) (min X Hu,Ms,Rat Sr Prot)
111-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rabbit IgG (H+L)
111-586-045	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rabbit IgG (H+L) (min X Hu Sr Prot)
111-586-046	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rabbit IgG, Fc Fragment Specific (min X Hu Sr Prot)
111-586-047	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rabbit IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
111-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Goat Anti-Rabbit IgG (H+L)
112-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG (H+L)
112-585-006	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG, F(ab')2 Fragment Specific
112-585-008	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG, Fcγ Fragment Specific
112-585-020	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgM, µ Chain Specific
112-585-044	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG + IgM (H+L)
112-585-062	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG (H+L) (min X Hu,Bov,Hrs Sr Prot)
112-585-068	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG + IgM (H+L) (min X Hu,Bov,Hrs Sr Prot)
112-585-071	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG, Fcγ Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
112-585-072	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG, F(ab')2 Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
112-585-075	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgM, µ Chain Specific (min X Hu,Bov,Hrs Sr Prot)
112-585-143	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG (H+L) (min X Hu,Bov,Hrs,Rb Sr Prot)
112-585-167	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG (H+L) (min X Ms,Hu,Bov,Hrs,Rb Sr Prot)
112-585-175	Alexa Fluor® 594-AffiniPure Goat Anti-Rat IgG, Light Chain* Specific (min X Bov,Gt,Hrs,Hu,Ms,Rb,Shp Ig)
112-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rat IgG (H+L)
112-586-062	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rat IgG (H+L) (min X Hu,Bov,Hrs Sr Prot)
112-586-068	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rat IgG + IgM (H+L) (min X Hu,Bov,Hrs Sr Prot)
112-586-071	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rat IgG, Fcγ Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
112-586-072	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rat IgG, F(ab')2 Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
112-586-075	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Rat IgM, µ Chain Specific (min X Hu,Bov,Hrs Sr Prot)
112-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Goat Anti-Rat IgG (H+L)
114-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Swine IgG (H+L)
115-585-003	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG (H+L)
115-585-006	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, F(ab')2 Fragment Specific
115-585-008	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Fcγ Fragment Specific
115-585-020	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgM, µ Chain Specific
115-585-044	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG + IgM (H+L)
115-585-062	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG (H+L) (min X Hu,Bov,Hrs Sr Prot)
115-585-068	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG + IgM (H+L) (min X Hu,Bov,Hrs Sr Prot)
115-585-071	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Fcγ Fragment Specific (min x Hu,Bov,Hrs Sr Prot)
115-585-072	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, F(ab')2 Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
115-585-075	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgM, µ Chain Specific (min X Hu,Bov,Hrs Sr Prot)
115-585-146	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG (H+L) (min X Hu,Bov,Hrs,Rb,Sw Sr Prot)
115-585-164	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG (subclasses 1+2a+2b+3) Fcγ Fragment Specific (min X Hu,Bov,Rb Sr Prot)
115-585-166	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG (H+L) (min X Rat,Hu,Bov,Hrs,Rb Sr Prot)
115-585-174	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Light Chain* Specific (min X Bov,Gt,Hrs,Hu,Rb,Rat,Shp Ig)
115-585-205	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Fcγ Subclass 1 Specific (min X Hu,Bov,Rb Sr Prot)
115-585-206	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Fcγ Subclass 2a Specific (min X Hu,Bov,Rb Sr Prot)
115-585-207	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Fcγ Subclass 2b Specific (min X Hu,Bov,Rb Sr Prot)
115-585-208	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Fcγ Subclass 2c Specific (min X Hu,Bov,Rb Sr Prot)
115-585-209	Alexa Fluor® 594-AffiniPure Goat Anti-Mouse IgG, Fcγ Subclass 3 Specific (min X Hu,Bov,Rb Sr Prot)
115-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG (H+L)
115-586-006	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG, F(ab')2 Fragment Specific
115-586-008	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG, Fcγ Fragment Specific
115-586-020	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgM, µ Chain Specific
115-586-062	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG (H+L) (min X Hu,Bov,Hrs Sr Prot)
115-586-068	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG + IgM (H+L) (min X Hu,Bov,Hrs Sr Prot)
115-586-071	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG, Fcγ Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
115-586-072	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgG, F(ab')2 Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
115-586-075	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Goat Anti-Mouse IgM, µ Chain Specific (min X Hu,Bov,Hrs Sr Prot)
115-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Goat Anti-Mouse IgG (H+L)
115-587-020	Alexa Fluor® 594-AffiniPure Fab Fragment Goat Anti-Mouse IgM, µ Chain Specific
123-585-021	Alexa Fluor® 594-AffiniPure Goat Anti-Horseradish Peroxidase
127-585-099	Alexa Fluor® 594-AffiniPure Goat Anti-Armenian Hamster IgG (H+L) (min X Bov Sr Prot)
127-585-160	Alexa Fluor® 594-AffiniPure Goat Anti-Armenian Hamster IgG (H+L) (min X Bov,Hu,Ms,Rb,Rat Sr Prot)
200-582-037	Alexa Fluor® 594-IgG Fraction Monoclonal Mouse Anti-Fluorescein (FITC)
200-582-156	Alexa Fluor® 594-IgG Fraction Monoclonal Mouse Anti-Digoxin
200-582-211	Alexa Fluor® 594-IgG Fraction Monoclonal Mouse Anti-Biotin
205-582-176	Alexa Fluor® 594-IgG Fraction Monoclonal Mouse Anti-Goat IgG, Light Chain Specific (min X Hrs,Hu,Ms,Rb,Rat Ig)
205-585-108	Alexa Fluor® 594-AffiniPure Mouse Anti-Goat IgG (H+L) (min X Ms,Hu,Rb Sr Prot)
209-585-082	Alexa Fluor® 594-AffiniPure Mouse Anti-Human IgG (H+L) (min X Ms Sr Prot)
209-585-088	Alexa Fluor® 594-AffiniPure Mouse Anti-Human IgG (H+L) (min X Bov,Hrs,Ms Sr Prot)
209-585-097	Alexa Fluor® 594-AffiniPure Mouse Anti-Human IgG, F(ab')2 Fragment Specific (min X Bov,Hrs,Ms Sr Prot)
209-585-098	Alexa Fluor® 594-AffiniPure Mouse Anti-Human IgG, Fcγ Fragment Specific (min X Bov,Hrs,Ms Sr Prot)
211-582-171	Alexa Fluor® 594-IgG Fraction Monoclonal Mouse Anti-Rabbit IgG, Light Chain Specific (min X Bov,Gt,Arm Hms,Hrs,Hu,Ms,Rat,Shp Ig)
211-585-109	Alexa Fluor® 594-AffiniPure Mouse Anti-Rabbit IgG (H+L) (min X Hu,Gt,Ms,Shp Sr Prot)
212-585-082	Alexa Fluor® 594-AffiniPure Mouse Anti-Rat IgG (H+L) (min X Ms Sr Prot)
212-585-104	Alexa Fluor® 594-AffiniPure Mouse Anti-Rat IgG, Fcγ Fragment Specific (min X Hu,Bov,Hrs,Ms Sr Prot)
212-585-106	Alexa Fluor® 594-AffiniPure Mouse Anti-Rat IgG, F(ab')2 Fragment Specific (min X Hu,Bov,Hrs,Ms Sr Prot)
212-585-168	Alexa Fluor® 594-AffiniPure Mouse Anti-Rat IgG (H+L) (min X Hu,Bov,Hrs,Ms,Gt,Rb Sr Prot)
212-586-168	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Mouse Anti-Rat IgG (H+L) (min X Hu,Bov,Hrs,Ms,Gt,Rb Sr Prot)
213-582-177	Alexa Fluor® 594-IgG Fraction Monoclonal Mouse Anti-Sheep IgG, Light Chain Specific (min X Bov,Hrs,Hu,Ms,Rb,Rat Ig)
301-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Bovine IgG (H+L)
303-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Chicken IgY (IgG) (H+L)
303-585-006	Alexa Fluor® 594-AffiniPure Rabbit Anti-Chicken IgY (IgG), F(ab')2 Fragment Specific
303-585-008	Alexa Fluor® 594-AffiniPure Rabbit Anti-Chicken IgY (IgG), Fc Fragment Specific
303-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Chicken IgY (IgG) (

304-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Dog IgG (H+L)
304-585-008	Alexa Fluor® 594-AffiniPure Rabbit Anti-Dog IgG, Fc Fragment Specific
305-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Goat IgG (H+L)
305-585-006	Alexa Fluor® 594-AffiniPure Rabbit Anti-Goat IgG, F(ab')2 Fragment Specific
305-585-008	Alexa Fluor® 594-AffiniPure Rabbit Anti-Goat IgG, Fc Fragment Specific
305-585-045	Alexa Fluor® 594-AffiniPure Rabbit Anti-Goat IgG (H+L) (min X Hu Sr Prot)
305-585-046	Alexa Fluor® 594-AffiniPure Rabbit Anti-Goat IgG, Fc Fragment Specific (min X Hu Sr Prot)
305-585-047	Alexa Fluor® 594-AffiniPure Rabbit Anti-Goat IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
305-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Goat IgG (H+L)
305-586-006	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Goat IgG, F(ab')2 Fragment Specific
305-586-008	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Goat IgG, Fc Fragment Specific
305-586-045	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Goat IgG (H+L) (min X Hu Sr Prot)
305-586-046	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Goat IgG, Fc Fragment Specific (min X Hu Sr Prot)
305-586-047	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Goat IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
305-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Rabbit Anti-Goat IgG (H+L)
307-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Syrian Hamster IgG (H+L)
307-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Syrian Hamster IgG (H+L)
308-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Horse IgG (H+L)
309-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human IgG (H+L)
309-585-006	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human IgG, F(ab')2 Fragment Specific
309-585-008	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human IgG, Fcγ Fragment Specific
309-585-011	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human Serum IgA, α Chain Specific
309-585-015	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human Lactoferrin
309-585-064	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human IgA+IgG+IgM (H+L)
309-585-082	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human IgG (H+L) (min X Ms Sr Prot)
309-585-095	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human IgM, Fc5µ Fragment Specific (min X Ms Sr Prot)
309-585-107	Alexa Fluor® 594-AffiniPure Rabbit Anti-Human IgG + IgM (H+L) (min X Ms Sr Prot)
309-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Human IgG (H+L)
309-586-008	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Human IgG, Fcγ Fragment Specific
309-586-043	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Human IgM, Fc5µ Fragment Specific
312-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgG (H+L)
312-585-020	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgM, µ Chain Specific
312-585-044	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgG + IgM (H+L)
312-585-045	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgG (H+L) (min X Hu Sr Prot)
312-585-046	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgG, Fcγ Fragment Specific (min X Hu Sr Prot)
312-585-047	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
312-585-048	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgG + IgM (H+L) (min X Hu Sr Prot)
312-585-049	Alexa Fluor® 594-AffiniPure Rabbit Anti-Rat IgM, µ Chain Specific (min X Hu Sr Prot)
312-586-045	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Rat IgG (H+L) (min X Hu Sr Prot)
313-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Sheep IgG (H+L)
313-585-045	Alexa Fluor® 594-AffiniPure Rabbit Anti-Sheep IgG (H+L) (min X Hu Sr Prot)
313-585-046	Alexa Fluor® 594-AffiniPure Rabbit Anti-Sheep IgG, Fc Fragment Specific (min X Hu Sr Prot)
313-585-047	Alexa Fluor® 594-AffiniPure Rabbit Anti-Sheep IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
313-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Sheep IgG (H+L)
313-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Rabbit Anti-Sheep IgG (H+L)
315-585-003	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG (H+L)
315-585-006	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG, F(ab')2 Fragment Specific
315-585-008	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG, Fcγ Fragment Specific
315-585-020	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgM, µ Chain Specific
315-585-044	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG + IgM (H+L)
315-585-045	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG (H+L) (min X Hu Sr Prot)
315-585-046	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG, Fcγ Fragment Specific (min X Hu Sr Prot)
315-585-047	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
315-585-048	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgG + IgM (H+L) (min X Hu Sr Prot)
315-585-049	Alexa Fluor® 594-AffiniPure Rabbit Anti-Mouse IgM, µ Chain Specific (min X Hu Sr Prot)
315-586-003	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Mouse IgG (H+L)
315-586-045	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Mouse IgG (H+L) (min X Hu Sr Prot)
315-586-046	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Mouse IgG, Fcγ Fragment Specific (min X Hu Sr Prot)
315-586-047	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Rabbit Anti-Mouse IgG, F(ab')2 Fragment Specific (min X Hu Sr Prot)
315-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Rabbit Anti-Mouse IgG (H+L)
323-585-021	Alexa Fluor® 594-AffiniPure Rabbit Anti-Horseradish Peroxidase
415-585-166	Alexa Fluor® 594-AffiniPure Rat Anti-Mouse IgG (H+L) (min X Hu,Bov,Hrs,Rat,Rb Sr Prot)
515-585-003	Alexa Fluor® 594-AffiniPure Sheep Anti-Mouse IgG (H+L)
515-585-062	Alexa Fluor® 594-AffiniPure Sheep Anti-Mouse IgG (H+L) (min X Hu,Bov,Hrs Sr Prot)
515-585-072	Alexa Fluor® 594-AffiniPure Sheep Anti-Mouse IgG, F(ab')2 Fragment Specific (min X Hu,Bov,Hrs Sr Prot)
703-585-155	Alexa Fluor® 594-AffiniPure Donkey Anti-Chicken IgY (IgG) (H+L) (min X Bov,Gt,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat,Shp Sr Prot)
703-586-155	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Chicken IgY (IgG) (H+L) (min X Bov,Gt,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat,Shp Sr Prot)
705-585-003	Alexa Fluor® 594-AffiniPure Donkey Anti-Goat IgG (H+L)
705-585-147	Alexa Fluor® 594-AffiniPure Donkey Anti-Goat IgG (H+L) (min X Ck,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat Sr Prot)
705-586-147	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Goat IgG (H+L) (min X Ck,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat Sr Prot)
706-585-148	Alexa Fluor® 594-AffiniPure Donkey Anti-Guinea Pig IgG (H+L) (min X Bov,Ck,Gt,Sy Hms,Hrs,Hu,Ms,Rb,Rat,Shp Sr Prot)
706-586-148	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Guinea Pig IgG (H+L) (min X Bov,Ck,Gt,Sy Hms,Hrs,Hu,Ms,Rb,Rat,Shp Sr Prot)
709-585-073	Alexa Fluor® 594-AffiniPure Donkey Anti-Human IgM, Fc5µ Fragment Specific (min X Bov,Hrs Sr Prot)
709-585-098	Alexa Fluor® 594-AffiniPure Donkey Anti-Human IgG, Fcγ Fragment Specific (min X Bov,Hrs,Ms Sr Prot)
709-585-149	Alexa Fluor® 594-AffiniPure Donkey Anti-Human IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Ms,Rb,Rat,Shp Sr Prot)
709-586-073	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Human IgM, Fc5µ Fragment Specific (min X Bov,Hrs Sr Prot)
709-586-098	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Human IgG, Fcγ Fragment Specific (min X Bov,Hrs,Ms Sr Prot)
709-586-149	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Human IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Ms,Rb,Rat,Shp Sr Prot)
711-585-152	Alexa Fluor® 594-AffiniPure Donkey Anti-Rabbit IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Ms,Rat,Shp Sr Prot)
711-586-152	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Rabbit IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Ms,Rat,Shp Sr Prot)
711-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Donkey Anti-Rabbit IgG (H+L)
712-585-150	Alexa Fluor® 594-AffiniPure Donkey Anti-Rat IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Rb,Shp Sr Prot)
712-585-153	Alexa Fluor® 594-AffiniPure Donkey Anti-Rat IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Ms,Rb,Shp Sr Prot)
712-586-150	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Rat IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Rb,Shp Sr Prot)
712-586-153	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Rat IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Ms,Rb,Shp Sr Prot)
712-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Donkey Anti-Rat IgG (H+L)
713-585-003	Alexa Fluor® 594-AffiniPure Donkey Anti-Sheep IgG (H+L)
713-585-147	Alexa Fluor® 594-AffiniPure Donkey Anti-Sheep IgG (H+L) (min X Ck,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat Sr Prot)
713-586-147	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Sheep IgG (H+L) (min X Ck,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat Sr Prot)
715-585-020	Alexa Fluor® 594-AffiniPure Donkey Anti-Mouse IgM, µ Chain Specific
715-585-140	Alexa Fluor® 594-AffiniPure Donkey Anti-Mouse IgM, µ Chain Specific (min X Hu,Bov,Hrs,Rat Sr Prot)
715-585-150	Alexa Fluor® 594-AffiniPure Donkey Anti-Mouse IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Rb,Shp Sr Prot)
715-585-151	Alexa Fluor® 594-AffiniPure Donkey Anti-Mouse IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Rb,Rat,Shp Sr Prot)
715-586-020	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Mouse IgM, µ Chain Specific
715-586-150	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Mouse IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Rb,Shp Sr Prot)
715-586-151	Alexa Fluor® 594-AffiniPure F(ab')2 Fragment Donkey Anti-Mouse IgG (H+L) (min X Bov,Ck,Gt,GP,Sy Hms,Hrs,Hu,Rb,Rat,Shp Sr Prot)
715-587-003	Alexa Fluor® 594-AffiniPure Fab Fragment Donkey Anti-Mouse IgG (H+L)
805-585-180	Alexa Fluor® 594-AffiniPure Bovine Anti-Goat IgG (H+L) (min X Bov,Ck,GP,Sy Hms,Hrs,Hu,Ms,Rb,Rat Sr Prot)

Product type: Freeze-dried powder
Other means

of identification: None

1.2 Revelant identified uses of the substance or mixture identifier

For *in vitro* research use only. Not for diagnostic or therapeutic use. This is not a medical device. Contact suppliers for specific applications.

1.3 Details of the supplier of the safety data sheet

European Contact
Jackson ImmunoResearch Europe LTD
Unit 7, Acorn Business Centre
Oaks Drive, Newmarket,
Suffolk, CB8 7SY, UK
T: +44 (0) 1638 782616
F: +44 (0) 1638 668462
cuserv@jireurope.com
www.jireurope.com

Manufacturer
Jackson ImmunoResearch Laboratories, Inc.
872 West Baltimore Pike
West Grove, PA 19390
T: 800-367-5296, 610-869-4024
F: 610-869-0171
cuserv@jacksonimmuno.com
tech@jacksonimmuno.com
www.jacksonimmuno.com

E-mail address of the person responsible for this SDS: tech@jacksonimmuno.com

1.4 Emergency telephone number

Emergency Contact
Telephone number: **CHEMTREC:**
800-424-9300
OUTSIDE USA:
703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition: Mixture

Classification according to Directive 1999/45/E [DPD]
Europe

This product is not classified as dangerous after rehydration according to directive 1999/45/EC and its amendments.

Classification: Not classified.

See Section 16 for the full text of the R phrases or H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard symbol or symbols: N/A

Indication of danger: N/A

Risk phrases: After rehydration, this product is not classified according to EU legislation.

Safety phrases: Not applicable.

Hazardous ingredients: The only danger of this product is associated with sodium azide which is present in a very small amount. After rehydration, sodium azide is below the threshold level of 1% for a toxic chemical.

Supplemental label elements: Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings: Not applicable.
Tactile warning of danger: Not applicable.

2.3 Other hazards

Other hazards which do not result in classification: Products of human origin may contain agents which pose a potential biological hazard to humans. The source materials (donor blood) for all products of human origin were tested according to FDA guidelines for the detection of Hepatitis B surface antigen, antibodies to HIV, antibodies to Hepatitis C, HIV-1 antigens, and Syphilis. Each donor blood unit was negative for each test. However, no test method can provide total assurance that these infectious agents are absent.

SECTION 3: Composition/information on ingredients

Substance/mixture: Mixture

Chemical Name	CAS#	EC #	% (w/w)
Sodium Azide	26628-22-8	247-852-1	2 [0.05% (w/v) after rehydration]
Sodium Phosphate	7558-79-4	231-448-7	4
Alexa Fluor® 594-conjugated antibody, serum protein, or streptavidin	N/A	N/A	5
Sodium Chloride	7647-14-5	231-598-3	44
Bovine Serum Albumin	N/A	N/A	45

The mixture is not considered to be hazardous after rehydration for use.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact: If this product enters the eyes, flush the eyes with gently running water for at least 15 minutes. If inflammation occurs, get medical attention.

Inhalation: Vapors of these products are likely to be only water vapors, so no adverse health effects are expected if vapors are inhaled. If irritation occurs, get medical attention.

Skin contact: Basic hygiene should prevent any problems. If contact with these products leads to reddening, inflammation, or irritation, flush exposed area with running water and get medical attention.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Give small quntities of water to drink. Do not induce vomiting unless directed by medical personnel. These products are for *in vitro* research use only, not for household, diagnostic, or therapeutic use. They are not medical devices. If these products are accidentally swallowed, no adverse health effects are expected. However, no special precautions are taken to remove or detect the possible presence of endotoxin or pyrogens. If fever or adverse effects are experienced, get medical attention.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: No specific data.
Inhalation: No specific data.
Skin Contact: No specific data.
Ingestion: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments: No specific treatment.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products: Decomposition products may include oxides of carbon, nitrogen, and phosporus in very small quantities.

5.3 Advice for fire fighters

Special precautions for fire fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-face piece operated in positive pressure mode. Clothing for fire fighters (including helmits, protective boots, and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders:

6.2 Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

6.3 Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble. Alternatively, or if water insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material, e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via licensed waste disposal contractor.

6.4 Reference to other sections: See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidelines. The list of Identified Uses in Section 1 should be consulted for any available use specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures: Put on appropriate protective equipment (see Section 8).
Advice on general occupational hygiene: Eating, drinking, and smoking should be prohibited in areas where material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities: Store at 2-8 ° C under sterile conditions. Store in original container away from incompatible materials (see Section 10) and food and drink. Keep container tighly sealed until ready to use. Prepare working dilution fresh each day. Remove aliquots for dilution and reseal container under sterile conditions. Do not store in unlabeled container. Use appropriate containment to avoid environmental contamination. Consult Product Specification sheets for additional storage information.

7.3 Specific end uses

Recommendations: Not available.

Industrial sector specific solutions: Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidence. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Occupational exposure limits

Europe: No exposure limit value known.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere, or biological monitoring may be required to determine the effectiveness of the venilation or other control measures and/or the necessity to use repiratory protective equipment. Reference should be made to European Standard EN689 for methods for the assesment of exposure by inhalation to chemical agents and national guildance documents for methods for the determination of hazardous substances.

Derived effect levels

No DELs available

Predicted effect concentrations

No PECs available

8.2 Exposure controls

Appropriate engineering controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure below any recommended or statutory limits.

Individual protection measures

Hygiene measures: Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavoratory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure the eyewash station and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts.

Skin protection

Hand protection: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly-fitted, air-purifying, or air-fed respirator complying with an approved standard if a risk assessment indicates this is a necessity. Respirator selection must be on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: Liquid
Color: Colorless, as water
Odor: Odorless, as water
Odor threshold: Not available
pH: 7.6
Melting point/freezing point: Not available
Initial boiling point and boiling range: Not available
Flash point: Not available
Evaporation rate: Not available
Flammability: Not available
Burning time: Not available
Burning rate: Not available
Upper/lower flammability or explosive limits: Not available
Vapor pressure: Not available
Vapor density: Not available
Relative density: Not available
Solubility(ies): Soluble in warm and cold water
Partitition coefficient: n-octanol/water
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: Not available
Explosive properties: Not available
Oxidizing properties: Not available

9.2 Other information

No additional information

SECTION 10: Stability and reactivity

10.1 Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: No specific data.

10.5 Incompatible materials: No specific data.

10.6 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decompsition products will not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Sodium Chloride: Oral Rat, LD50, 3,000 mg/kg
Sodium Phosphate: Oral Rat, LD50, 17g/kg
Sodium Azide: Oral Rat, LD50, 27 mg/kg
Antibody/Serum Protein: Not established

Irritation/Corrosion

Conclusion/Summary: Not available.

Sensitizer

Conclusion/Summary: Not available.

Mutagenicity

Conclusion/Summary: Not available

Carcinogenicity

Conclusion/Summary: Not available

Reproductive toxicity

Conclusion/Summary: Not available

Teratogenicity

Conclusion/Summary: Not available

Information on the likely routes of exposure: Routes of entry anticipated: Oral, Dermal, and Inhalation

Potential acute health effects

Inhalation: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Eye contact: No known significant effects or critical hazards.

Symptoms related to the physical, chemical, and toxicological characteristics

Inhalation: No specific data
Ingestion: No specific data
Skin contact: No specific data
Eye contact: No specific data

Delayed, immediate, and chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: Not available
Potential delayed effects: Not available

Long term effects

Potential immediate effects: Not available
Potential delayed effects: Not available

Potential chronic health effects

Conclusion/Summary: Not available
General: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Other information: Not available

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary: Not available

12.2 Persistence and degradability

Conclusion/Summary: Not available

12.3 Bioaccumulative potential. Not available

12.4 Mobility in soil

Soil/water partition coefficient: Not available
Mobility: Not available

12.5 Results of PBT and vPvB assessment

PBT: Not applicable
vPvB: Not applicable

12.6 Other adverse effects: No known significant effects or critical hazards.

SECTION 13. Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

Packaging

Methods of disposal: The generation of waste should be avoied or minimized whenever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

SECTION 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number	Not available	Not available	Not available	Not available
14.2 UN proper shipping name	Not available	Not available	-	-
14.3 Transport hazard class(es)	Not available	Not available	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No	No	No	No
14.6 Special precaution for user	Not available	Not available	Not available	Not available
Additional information	-	-	-	-

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the and the IBC Code: Not available.

SECTION 15: Regulatory information

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market, and use of certain dangerous substances, mixtures, and articles: Not applicable.

Other EU regulations

Europe inventory: Not determined.

Black List Chemicals: Not listed.

Priority List Chemicals: Not listed.

Integrated pollution prevention and control list (IPPC) - Air: Not listed.

IPPC - Water: Not listed.

National Regulations

15.2 Chemical Safety Assessment: This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Abbreviations and acronyms: ATE = Acute Toxicity Estimate
CLP = Classification, Labelling, and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard Statement
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS
Not classified

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification

Europe

Full text of abbreviation H statements: Not applicable.

Full text of classifications [CLP/GHS]: Not applicable.

Full text of abbreviated R phrases: Not applicable.

Full text of classifications[DSD/DPD]: Not applicable.

Date of printing: 10/10/2010
Date of issue/Date of revision: 5/9/2012
Date of previous issue: No previous validation.
Version: 1.0

Notice to reader

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.