



Regulatory Data Sheet

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3M™ Fluorosurfactant FC-4434

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RDSs are available at www.3M.com

Regulations and Industry Standards

California Proposition 65

This product is an industrial product manufactured outside of California. It has not been assessed for consumer sale or use. Contact the manufacturer if more information is needed for your use.

China RoHS

This product or part does not exceed the maximum concentration values (MCVs) in China RoHS GB/T 26572-2011 (Requirements of Concentration limits for certain restricted substances in electrical and electronic products), which means that each of the homogeneous materials within this product is below the following MCVs: (a) 0.1% (by weight) for lead and its compounds, mercury and its compounds, hexavalent chromium and its compounds, polybrominated biphenyls or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium and its compounds.

CONEG

This product complies with the US CONEG (Coalition of Northeastern Governors) Model Toxics in Packaging Legislation as there is no intentionally added lead, cadmium, hexavalent chromium or mercury, and the sum total concentration of these substances in the product does not exceed 100 ppm by weight.

Conflict Minerals

Conflict Minerals, which the U.S. Securities and Exchange Commission (“SEC”) has defined as gold, columbite-tantalite (coltan), cassiterite, wolframite, or their derivatives (tin, tantalum, or tungsten), are not contained in or are not “necessary to the functionality or necessary to the production” of the above-listed product, as the term “necessary to the functionality or the production” is defined under the SEC’s Conflict Minerals Rule. 77 Fed. Reg. 56274 (Sept. 12, 2012).

EU Food Allergens

This product complies with Regulation (EU) 1169/2011 on the provision of food information to consumers, as there is no intentionally added component identified in Annex II of this regulation. Specifically, none of the following are intentionally added: cereals containing gluten, crustaceans, eggs, fish, peanuts, soybeans, milk, nuts, celery, mustard, sesame seeds, sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/L expressed as sulphur dioxide, lupin, mollusks, and/or derivatives thereof.

EU REACH

This product, including any article that the product is composed of, does not contain at greater than 0.1% by weight a Substance of Very High Concern (SVHC) substance identified according to Article 59 of REACH. This declaration reflects the substances on the candidate SVHC list, effective January 2020.

EU RoHS

This product does not exceed the maximum concentration values (MCVs) set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as stated in Annex II to that directive. This means that each of the homogenous materials within this product does not exceed the following MCVs: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium.

EU RoHS Phthalates

This product does not exceed the maximum concentration values (MCVs) for phthalates set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as amended by EU 2015/863, which applies to finished EEE after July 22, 2019 for Category 1-7, 10-11 products and after July 22, 2021 for Category 8 and 9 products. This means that each of the homogeneous materials within this product does not exceed the MCV of 0.1% (by weight) for each of the following phthalates: DEHP, BBP, DBP, and DIBP.

Fluorinated Greenhouse Gas

A Fluorinated Greenhouse Gas (or F-Gas) listed under Annex I and II of Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 is not intentionally added to the product.

Chemicals and/or Compounds of Interest

4,4'-Methylenebis(2,6-Diethylaniline) : This chemical or chemical compound is not intentionally added.

Acrylamide : This chemical or chemical compound is not intentionally added.

Alkylphenol (AP) : This chemical or chemical compound is not intentionally added.

Alkylphenoxyethoxylates (APE) : This chemical or chemical compound is not intentionally added.

Antimony and (Sb) Compounds : This chemical or chemical compound is not intentionally added.

Aromatic Amines : This chemical or chemical compound is not intentionally added.

Arsenic and (As) Compounds : This chemical or chemical compound is not intentionally added.

Asbestos : This chemical or chemical compound is not intentionally added.

Azo Colorants : This chemical or chemical compound is not intentionally added.

Benzenamine, N-Phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (BNST) : This chemical or chemical compound is not intentionally added.

Beryllium and (Be) Compounds : This chemical or chemical compound is not intentionally added.

Bis(2-Methoxyethyl) Phthalate : This chemical or chemical compound is not intentionally added.

Bismuth and (Bi) Compounds : This chemical or chemical compound is not intentionally added.

Bisphenol A (BPA) : This chemical or chemical compound is not intentionally added.

Butyl Benzyl Phthalate (BBP) : This chemical or chemical compound is not intentionally added.

Butylated Hydroxytoluene (BHT) : This chemical or chemical compound is not intentionally added.

Cadmium and (Cd) Compounds : This chemical or chemical compound is not intentionally added.

Chlorinated Paraffins, Short Chain : This chemical or chemical compound is not intentionally added.

Chlorinated Polyethylene : This chemical or chemical compound is not intentionally added.

Chlorofluorocarbons (CFCs) : This chemical or chemical compound is not intentionally added.

Chloroprene (Neoprene) : This chemical or chemical compound is not intentionally added.

Chlorosulfonated Polyethylene : This chemical or chemical compound is not intentionally added.

Chromium and (Cr) Compounds : This chemical or chemical compound is not intentionally added.

Cobalt and (Co) compounds : This chemical or chemical compound is not intentionally added.

Colophony (Rosin) : This chemical or chemical compound is not intentionally added.

Creosote : This chemical or chemical compound is not intentionally added.

Crystalline Silica : This chemical or chemical compound is not intentionally added.

Decabromodiphenyl Ether (Deca-BDE) : This chemical or chemical compound is not intentionally added.

Di(2-Ethylhexyl) Phthalate (DEHP) : This chemical or chemical compound is not intentionally added.

Dibutyl Phthalate (DBP) : This chemical or chemical compound is not intentionally added.

Dibutyl Tin Compounds : This chemical or chemical compound is not intentionally added.

Diisobutyl Phthalate (DIBP) : This chemical or chemical compound is not intentionally added.

Diisodecyl Phthalate (DIDP) : This chemical or chemical compound is not intentionally added.

Diisononyl Phthalate (DINP) : This chemical or chemical compound is not intentionally added.

Dimethyl Fumarate (DMF) : This chemical or chemical compound is not intentionally added.

Dimethylacetamide : This chemical or chemical compound is not intentionally added.

Di-n-Octyl Phthalate (DNOP) : This chemical or chemical compound is not intentionally added.

Dioxins and Furans : This chemical or chemical compound is not intentionally added.

Dyes : This chemical or chemical compound is not intentionally added.

Epoxy Compounds : This chemical or chemical compound is not intentionally added.

Flame Retardants (not PBB or PBDE) : This chemical or chemical compound is not intentionally added.

Flavorings : This chemical or chemical compound is not intentionally added.

Formaldehyde : This chemical or chemical compound is not intentionally added.

Genetically Modified Organisms (GMOs) : This chemical or chemical compound is not intentionally added.

Gluten : This chemical or chemical compound is not intentionally added.

Halogenated Compounds : This product is known to contain this chemical or chemical compound.

Halogenated Flame Retardants : This chemical or chemical compound is not intentionally added.

Hexabromo Cyclo-Dodecane (HBCD) : This chemical or chemical compound is not intentionally added.

Hexavalent Chromium and (Cr+6) Compounds : This chemical or chemical compound is not intentionally added.

Hydrochlorofluorocarbons (HCFCs) : This chemical or chemical compound is not intentionally added.

Lead and (Pb) Compounds : This chemical or chemical compound is not intentionally added.

Materials of Human or Animal Origin : This chemical or chemical compound is not intentionally added.

Melamine : This chemical or chemical compound is not intentionally added.

Mercury and (Hg) Compounds : This chemical or chemical compound is not intentionally added.

Musk Xylene : This chemical or chemical compound is not intentionally added.

Natural Rubber Latex : This chemical or chemical compound is not intentionally added.

Nickel and (Ni) Compounds : This chemical or chemical compound is not intentionally added.

N-Nitrosamines : This chemical or chemical compound is not intentionally added.

Nonylphenol (NP) : This chemical or chemical compound is not intentionally added.

Nonylphenol Ethoxylates (NPE) : This chemical or chemical compound is not intentionally added.

Nuts : This chemical or chemical compound is not intentionally added.

Organochlorine Pesticides : This chemical or chemical compound is not intentionally added.

Organophosphate Pesticides : This chemical or chemical compound is not intentionally added.

Organotin Compounds : This chemical or chemical compound is not intentionally added.

Ozone Depleting Chemicals (ODCs) : This chemical or chemical compound is not intentionally added.

Pentachlorophenol : This chemical or chemical compound is not intentionally added.

Perfluorooctane Sulfonate (PFOS) : This chemical or chemical compound is not intentionally added.

Perfluorooctanoic Acid (PFOA) : This chemical or chemical compound is not intentionally added.

Petrochemical Fertilizers : This chemical or chemical compound is not intentionally added.

Phenol : This chemical or chemical compound is not intentionally added.

Phosphorus and (P) Compounds : This chemical or chemical compound is not intentionally added.

Phthalates : This chemical or chemical compound is not intentionally added.

Polybrominated Biphenyls (PBB) : This chemical or chemical compound is not intentionally added.

Polybrominated Diphenylethers (PBDE) : This chemical or chemical compound is not intentionally added.

Polychlorinated Biphenyls (PCBs) : This chemical or chemical compound is not intentionally added.

Polychlorinated Naphthalenes (>3 Chlorine Atoms) : This chemical or chemical compound is not intentionally added.

Polycyclic Aromatic Hydrocarbons (PAHs) : This chemical or chemical compound is not intentionally added.

Potassium and (K) Compounds : This chemical or chemical compound is not intentionally added.

PVC (Polyvinyl Chloride) : This chemical or chemical compound is not intentionally added.

Radioactive Substance : This chemical or chemical compound is not intentionally added.

Selenium and (Se) Compounds : This chemical or chemical compound is not intentionally added.

Silicone : This chemical or chemical compound is not intentionally added.

Sulfur and (S) Compounds : This product is known to contain this chemical or chemical compound.

Tetrabromobisphenol A (TBBA) : This chemical or chemical compound is not intentionally added.

Tin and (Sn) Compounds : This chemical or chemical compound is not intentionally added.

Tributyl Tin Compounds : This chemical or chemical compound is not intentionally added.

Triphenyl Tin Compounds : This chemical or chemical compound is not intentionally added.

Urea-Formaldehyde (UF) : This chemical or chemical compound is not intentionally added.

Zinc and (Zn) Compounds : This chemical or chemical compound is not intentionally added.

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