

Regulatory Data Sheet



ACUDYNE™ SCP Polymer

INCI Name

The International Nomenclature of Cosmetic Ingredients (INCI) Name of this product is Acrylamide/Sodium Acryloyldimethyltaurate/Acrylic Acid Copolymer.

Global Chemical Inventory Compliance

Country	Inventory	Statement
Australia	AICS	Australian AICS: Rohm and Haas Company, A Wholly Owned Subsidiary of The Dow Chemical Company, has submitted a notification on an intentional component in this product and has received permission to import or manufacture in the applicable country. However, this intentional component will not be added to the country's inventory until sometime in the future.
Canada	DSL	Canadian DSL: All components are on the DSL Inventory or are not required to be listed.
China	IECS	Chinese IECSC: The key ingredient in this product complies with the IECSC inventory by Polymer Notification. Restrictions may apply. All other components of the product comply with the respective inventory.
Europe	EINECS	European EINECS: The polymer in this product meets the definition of a polymer and is exempt from listing on the EINECS inventory. All other components of this product comply.
Japan	MITI	Japanese MITI: This product contains one or more component(s), which is not listed on the MITI Inventory. However these component(s) are exempt from the inventory if the product is used only in cosmetic applications.
Korea	KECI	Korean KECI: This product contains one or more component(s), which is not listed on the KECI Inventory.
New Zealand	NZIoC	New Zealand NZIoC: All components are on the NZIoC Inventory or are not required to be listed.
Philippines	PICCS	Philippines PICCS: All components are on the PICCS Inventory or are not required to be listed.
United States	TSCA	U.S. TSCA: The key polymer component in this product is not listed on the TSCA Inventory. However this component is exempt from the TSCA inventory if the product is used in cosmetic applications.

REACH

For information on the REACH status of this product, please request a REACH Product Information Sheet (PIS) from The Dow Customer Information Group at

<http://www.dow.com/en-us/contact-us-cig>

China FDA Status

The INCI name of the key ingredient in this product is listed in the China Existing Cosmetic Ingredient List as an approved cosmetic ingredient.

EU Cosmetic Status

This product complies with Council Directive 76/768/EEC and its 7th Amendment as well as Regulation (EC) No 1223/2009 on cosmetic products.

Product Composition

For product composition, please request a US MSDS for this product from The Dow Customer Information Group at <http://www.dow.com/en-us/contact-us-cig>

Preservative

Sodium methyl-4-hydroxybenzoate (CAS RN 5026-62-0) is used to preserve this product.

Formaldehyde-releasers are not added to this product. We do not expect these substances to be present in the raw materials used to produce this product.

Animal Derived Components

With regards to Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE), we do not intentionally add, nor would we expect any component of this product to be derived from bovine, ovine, caprine, porcine or related ingredients of animal origin. This product is derived from materials of synthetic, petrochemical, vegetal, and/or mineral origins. The manufacturing equipment for the product is not used for the manufacture of products of animal origin or products containing ingredients of animal origin. This product is not stored with products of animal origin or products containing ingredients of animal origin.

Kosher

With regards to Kosher status, this product is free of wheat, oat, barley or rye derivatives. Although this product has not been officially certified by a Rabbinical council, we believe this product is judged to be "pareve" within the framework of the Jewish definition. We are disclosing above information, to the best of knowledge based upon data from our raw material suppliers and our manufacturing process.

Halal

With regards to Halal status, this product is free of wheat, oat, barley or rye derivatives. Although this product has not been officially certified by a Islamic council, we believe this product is judged to be permitted under Muslim standards. We are disclosing above information, to the best of knowledge based upon data from our raw material suppliers and our manufacturing process.



Allergen

This product does not contain any of the eight major food allergens (milk, eggs, fish, shellfish, tree nuts, peanuts, wheat and/or soybeans) or proteins as listed in the FALCPA of 2004 and in FDA Guidance Sec.550.250 and does not contact these food allergen during the manufacturing process. This product does not contain any of the 26 allergen ingredients as defined in the Cosmetics Products Regulation (EC) 1223/2009.

Based on our knowledge of the manufacturing process and the raw materials used to produce this product, the following materials are not expected to be present in this product

- Peanuts or peanut products (butter, oil, flour)
- Tree nuts (almonds, pecans, walnuts, Brazil nuts, cashew, chestnuts, etc.)
- Plant derivatives, including nuts and seeds
- Eggs or egg products (whites, yolks, meringue, mayonnaise, etc.)
- Fish (cod, flounder, salmon, trout, tuna, etc.)
- Shellfish (crustaceans and mollusks)
- Celery (root, leaves, stalk, not seeds)
- Dairy or dairy derivatives
- Cereals containing gluten
- Wheat or wheat products
- Corn or corn derivatives
- Soybean or soy products (soy derived vegetable protein, tofu, etc.)
- Sulfites
- Artificial or natural colors including FD&C Yellow #5 and #6
- Umbelliferae (carrot or parsley family)
- Flavors/enhancers
- Nitrites/nitrates

Materials from Genetically Modified Organisms

To the best of our knowledge, no raw materials used in the manufacture of this product have been derived from genetically modified organisms (GMO). This is based on information from our raw material suppliers.



California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

To the best of our knowledge, this product does not contain any contaminants or by products known to the State of California to cause cancer or reproductive toxicity as listed under the Proposition 65 State Drinking Water and Toxic Enforcement Act at levels that would require a warning.

Styrene and acrylamide monomers are used as reactants to manufacture this product. During production, these monomers are almost 100% polymerized. However there may be a trace level of residual monomer present in the final product. Dow Chemical measures the level of residual monomer in every batch of this product with a maximum manufacturing specifications. Section 15 of the MSDS for this product may not list these monomers as Prop 65 substances. This is because a Dow assessment has indicated that the level of these monomers is not high enough to require a warning on this product. Downstream manufacturers are responsible for making their own determinations of whether a Prop 65 warning for these monomers is required for their respective products. For more information, please contact the Dow Customer Information Group at

<http://www.dow.com/en-us/contact-us-cig>

Residual Solvents

None of the Class 1, Class 2, and Class 3 Residual Solvents specified in USP General Chapter <467> effective on 1 JUL 2008 are used in the manufacture of this product.

CMR

No substances classified as Carcinogenic, Mutagenic or toxic for Reproduction (CMR), of Categories 1A, 1B, or 2 under Annex VI of Regulation (EC) No. 1272/2008 are intentionally used in the manufacture of this product.

Nanomaterials

This product does not meet the definition of a nanomaterial as listed in Article 2(k) of the EU Cosmetic Regulation. This product would not trigger the notification requirements of Article 16 or the need for any further safety assessment that is required for a cosmetic product due to the presence of nanomaterials.

Endocrine Disruptors

To the best of our knowledge, this product does not contain any potential endocrine disruptors.



EU Directive 2002/95/EC (RoHS) as amended by 2008/385/EC

EU Directive (EU) 2015/863 EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment requires that such equipment placed on the EU market contain no more than 0.1% Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), polybrominated biphenyl (PBB), polybrominated biphenyl ether (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) and no more than 0.01% Cadmium (Cd).

This product is intended for personal care applications and does not fall within the scope of this directive. However if this product is used as a raw material in the manufacture of any components of electrical and electronic equipment, Dow can confirm the following: 1. Dow does not intentionally use any of the substances listed above in the manufacture of this product. 2. Based upon data from our raw material suppliers, knowledge of the manufacturing process, and heavy metals analyses of this product, Dow has no reason to believe that these substances are present.

Heavy Metals, EU 94/62/EC and Coalition of Northeastern Governors (CONEG)

Dow does not routinely analyze this product for heavy metal content. However, occasional batches of this product were analyzed by Inductively Coupled Plasma Mass Spectroscopy (ICP/MS) with a Limit of Detection of 50 parts per billion. Detectable levels of lead, cadmium, mercury, antimony, or arsenic in this product were not found.

Impurities

This product is not intentionally manufactured or formulated with Azodicarbonamide, Asbestos, Beryllium, Benzo (A) pyrene (BAP), Bisphenol A diglycidylether (BADGE), Butylated hydroxyanisole (BHA), ChloroFluoroCarbons (CFCs), Chlorinated paraffins, Decabromodiphenylether (DBDE), Hydrogenated ChloroFluroCarbons (HCFCs), Hexavalent chromium, Nitrosamines, Octabromodiphenyl ether, Perfluorooctane sulfonates (PFOS), Pentabromodiphenyl ether, Pentachlorophenol, Phosphorine, Dibutyl phthalate (DBP), Diethylhexyl phthalate (DEHP), Polybrominated biphenyls (PBB), Polybrominated diphenyloxide (PBDO), Polybrominated biphenyloxide, Polybrominated diphenylether (PBDE), Polychlorinated biphenyls (PCB), Polychlorinated Naphthalene, Polycyclic Aromatic Hydrocarbons (PAH), P-tert-butylphenol-formaldehyde, Silver, Trichloroethylene, or Triphenylphosphate. However, we do not analyze for these specific substances.

Clean Air Act

To the best of our knowledge, with regards to the Clean Air Act, Section 112(b), this product does not contain any Hazardous Air Pollutants (HAPs) at or above 0.1%.

To the best of our knowledge, this product does not contain any components that are listed on the Clean Air Act Sec. 602 Class I and II Ozone Depleting Substances List (40 CFR 82).

Clean Water Act

To the best of our knowledge, this product does not contain any components that are listed on the Clean Water Act Toxic Pollutant List in 40 CFR 401.15.



Substances of Very High Concern (SVHC)

This product does not contain any of the substances on the Substances of Very High Concern (SVHC) list at $\geq 0.1\%$ as defined by the European Chemical Agency on 3 December 2013.

We also encourage you to visit our REACH website www.reach.dow.com where you will be able to find and download the most recent REACH related documents on our products.

Certificate of Analysis

For product specifications, please request a Sales Spec document for this product from The Dow Customer Information Group at

<http://www.dow.com/en-us/contact-us-cig>

Micro Specifications

For the current microbiological sales specifications, please request a Sales Spec document for this product from The Dow Customer Information Group at

<http://www.dow.com/en-us/contact-us-cig>

Shelf Life

For information on shelf life or country of origin, please contact the The Dow Customer Information Group at

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RDS - ACUDYNE™ SCP Polymer

Product Stewardship

The Dow Chemical Company and its subsidiaries ("Dow") has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take the appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products—from the initial concept and research, to manufacture, use, sale, disposal and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

Medical Applications Policy

NOTICE REGARDING MEDICAL APPLICATION RESTRICTIONS: Dow will not knowingly sell or sample any product or service ("Product") into any commercial or developmental application that is intended for:

- long-term or permanent contact with internal bodily fluids or tissues. "Long-term" is contact which exceeds 72 continuous hours;
- use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
- use as a critical component in medical devices that support or sustain human life; or
- use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

Dow requests that customers considering use of Dow products in medical applications notify Dow so that appropriate assessments may be conducted. Dow does not endorse or claim suitability of its products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Dow product is safe, lawful, and technically suitable for the intended use. **DOW MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF ANY DOW PRODUCT FOR USE IN MEDICAL APPLICATIONS.**

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