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SOLENIS POLICY

Animal Welfare

1.0 Policy

Solenis is committed to providing sustainable product solutions and creating more value for our stakeholders while minimizing our impact on the environment and society. We avoid animal testing whenever possible through alternative methods of safety assessment. When animal tests are mandatory, we are following the internationally agreed/recognized 3R policy based on:

- Replacement - Using non-animal alternatives whenever possible.
- Reduction - Using fewer animals/animal-based tests to achieve the same result
- Refinement - Improving the welfare and lives of the animals used in experiments to minimize any potential pain, suffering, or distress.

2.0 Definitions

Animal testing in this policy is specific to toxicological study with vertebrates. Invertebrates such as daphnia are not included. Studies are owned by the Product Regulatory Department.

3.0 Testing

At Solenis, animal testing is only conducted when there is a regulatory requirement by law or regulatory agency request to determine safe usage and hazard characterization, when not possible using alternative methods. Prior to conducting animal toxicology tests of any nature, associates must consider the following steps:

1. Ensure that all relevant safety information already available is collected for each component and check public literature (e.g. safety data sheets of raw materials) for any existing data.
2. Consult a Solenis toxicologist to conduct a robust, weight-of-evidence based judgment as to whether there is sufficient information to reach a conclusion on the hazard of a raw material or finished goods before any additional tests are requested.
3. Use accepted and validated alternatives to animal testing whenever possible. There are existing in vitro methods for skin and eye irritation, skin sensitization, or mutagenicity assays.
4. Whenever possible, Solenis will advocate for and prefer internationally accepted and validated alternative non-animal testing.

If all the steps are completed, and an animal test is still required, only then we will request an animal study. Upon approval from study owners, the test data can be shared via consortia and industrial organizations to optimize test protocols and avoid duplicate testing as long as not posing

a risk to Solenis' intellectual property. All required animal testing must be conducted with accredited contract research organizations.

4.0 Scope

This policy applies to Solenis.

5.0 Owner

Vice President, Global Fast Track R&D and Product Regulatory

6.0 Exceptions

There are no exceptions to this policy. This is a history of notable changes to this policy.