



## Safety Data Sheet

Material Name: Advasol™ XRV

SDS ID: SSC50002

---

### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

---

**Material Name**

Advasol™ XRV

**Trade Names**

Advasol™ XRV

**Chemical Family**

Ethenol, copolymer

**Product Use**

film water soluble packaging

**Restrictions on Use**

None known

**Details of the supplier of the safety data sheet**

Sekisui Specialty Chemicals America, LLC  
1501 LBJ Freeway, Suite 530  
Dallas, TX 75234

Emergency Phone Numbers:

In USA: CHEMTREC 800-424-9300

Outside USA: CHEMTREC 703-527-3887 (collect calls accepted)

Phone: +1-972-277-2900

www.sekisui-sc.com

---

### Section 2 - HAZARDS IDENTIFICATION

---

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

None needed according to classification criteria

**GHS Label Elements**

**Symbol(s)**

None needed according to classification criteria

**Signal Word**

None needed according to classification criteria

**Hazard Statement(s)**

None needed according to classification criteria.

**Precautionary Statement(s)**

**Prevention**

None needed according to classification criteria.

**Response**

None needed according to classification criteria.

## Safety Data Sheet

**Material Name: Advasol™ XRV**

**SDS ID: SSC50002**

**Storage**

None needed according to classification criteria.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
Proprietary	Non-Hazardous Substance	99.5

The chemical identity and/or percentage of composition is being withheld as a trade secret.

### Section 4 - FIRST AID MEASURES

**Inhalation**

If adverse effects occur, remove to uncontaminated area. Get medical advice/attention if you feel unwell.

**Skin**

Wash with plenty of soap and water. Get medical attention if irritation develops.

**Eyes**

Get medical attention if irritation develops. Remove contact lenses, if present and easy to do. Rinse cautiously with water for several minutes.

**Ingestion**

If swallowed, get medical attention.

**Most Important Symptoms/Effects**

**Acute**

No information on significant adverse effects.

**Delayed**

No information on significant adverse effects.

### Section 5 - FIRE FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media**

Use carbon dioxide, regular dry chemical, regular foam or water.

**Unsuitable Extinguishing Media**

None known.

**Special Hazards Arising from the Chemical**

Slight fire hazard.

**Hazardous Combustion Products**

oxides of carbon, nitrogen, sodium, sulfur

## Safety Data Sheet

**Material Name: Advasol™ XRV**

**SDS ID: SSC50002**

### **Fire Fighting Measures**

Move material from fire area if it can be done without risk. Dike for later disposal. Cool containers with water spray until well after the fire is out. Stay upwind and keep out of low areas.

### **Special Protective Equipment and Precautions for Firefighters**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

---

## **Section 6 - ACCIDENTAL RELEASE MEASURES**

---

### **Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

### **Methods and Materials for Containment and Cleaning Up**

The mixture is slippery when wet. Do not touch or walk through spilled material. Collect spilled material in appropriate container for disposal.

### **Environmental Precautions**

Avoid release to the environment. Collect spillage.

---

## **Section 7 - HANDLING AND STORAGE**

---

### **Precautions for Safe Handling**

Ensure adequate ventilation. When moving pallets of material, always ensure the “forks” of the fork lift truck are long enough to cover the complete base of the pallet. This will ensure the even distribution of the forces throughout the packaging. Handle rolls using mandrels inserted into the core, this will prevent “bruising” of the rolls. Store by suspending on racks using mandrels. Do not hammer mandrels into the core. Avoid contact with water. Film dissolves and becomes sticky in the presence of water and should be maintained at a relatively constant temperature and humidity. We recommend that this product be used within 6 months of it being received. For hot and humid climates where the temperature and humidity are higher than what is recommended, we recommend using this product at an earlier time. General or dilution ventilation is usually sufficient except that local ventilation through the use of a fume hood is required if the film is heated above 130oC (266oF).

### **Conditions for Safe Storage, Including any Incompatibilities**

None needed according to classification criteria.

Keep rolls of film tightly closed in a moisture-proof overwrap film and in a dry and well-ventilated place. Rolls should be kept wrapped until required for processing. Rewrap partially used and slit rolls immediately after processing. Recommended storage temperature is between 15oC (59oF) and 23oC (73oF) at a relative humidity between 40% and 60%.

### **Incompatible Materials**

strong acids, water, reactive metals: sodium. zinc. copper. calcium. etc.

**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Component Exposure Limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

**EU - Occupational Exposure (98/24/EC) - Binding Biological Limit Values and Health Surveillance Measures**

There are no biological limit values for any of this product's components.

**ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)**

There are no biological limit values for any of this product's components.

**Engineering Controls**

Provide adequate ventilation.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/face protection**

Eye protection not required under normal conditions.

**Skin Protection**

Protective clothing is not required, but recommended.

**Respiratory Protection**

In case of inadequate ventilation wear respiratory protection.

**Glove Recommendations**

Hand protection is not required.

**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	film	Physical State	solid
Odor	mild	Color	clear to opaque
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	Not available
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	Not available
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available

## Safety Data Sheet

**Material Name: Advasol™ XRV**

**SDS ID: SSC50002**

Water Solubility	Soluble at room temperature	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	Not available	Molecular Weight	Not available

### Section 10 - STABILITY AND REACTIVITY

**Reactivity**

No reactivity hazard is expected.

**Chemical Stability**

Stable unless heated above 130°C (266°F).

**Possibility of Hazardous Reactions**

Not known to occur.

**Conditions to Avoid**

Avoid contact with incompatible materials.

**Incompatible Materials**

strong acids. water. reactive metals: sodium, zinc, copper, calcium, etc.

**Hazardous decomposition products**

oxides of carbon, nitrogen, sodium, sulfur

### Section 11 - TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Inhalation**

No information on significant adverse effects.

**Skin Contact**

No information on significant adverse effects.

**Eye Contact**

No information on significant adverse effects.

**Ingestion**

No information on significant adverse effects.

**Acute and Chronic Toxicity**

**Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and no selected endpoints have been identified

**Immediate Effects**

No information on significant adverse effects.



## Safety Data Sheet

**Material Name: Advasol™ XRV**

**SDS ID: SSC50002**

**Delayed Effects**

No information on significant adverse effects.

**Irritation/Corrosivity Data**

No information on significant adverse effects.

**Respiratory Sensitization**

No information available for the product.

**Dermal Sensitization**

No information available for the product.

**Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

**Germ Cell Mutagenicity**

No information available for the product.

**Tumorigenic Data**

No information available for the product.

**Reproductive Toxicity**

No information available for the product.

**Specific Target Organ Toxicity - Single Exposure**

No target organs identified.

**Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

**Aspiration hazard**

No information available for the product.

**Medical Conditions Aggravated by Exposure**

No data available.

---

### Section 12 - ECOLOGICAL INFORMATION

---

**Component Analysis - Aquatic Toxicity**

No LOLI ecotoxicity data are available for this product's components

---

### Section 13 - DISPOSAL CONSIDERATIONS

---

**Disposal Methods**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Component Waste Numbers**

The U.S. EPA has not published waste numbers for this product's components



## Safety Data Sheet

Material Name: Advasol™ XRV

SDS ID: SSC50002

---

### Section 14 - TRANSPORT INFORMATION

---

US DOT Information:  
UN/NA #: Not Regulated

IMDG Information:  
UN#: Not Regulated

TDG Information:  
UN#: Not Regulated

---

### Section 15 - REGULATORY INFORMATION

---

#### U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

#### SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactivity: No

#### U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA

#### Not listed under California Proposition 65

#### Canadian WHMIS Ingredient Disclosure List (IDL)

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

#### Component Analysis - Inventory

##### U.S. Inventory (TSCA)

All of the components of this product are listed on the TSCA Inventory.

---

### Section 16 - OTHER INFORMATION

---

#### HMIS Rating

Health: 0 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

#### NFPA Ratings

Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Summary of Changes

Updated SDS: 8/4/2015



## Safety Data Sheet

Material Name: Advasol™ XRV

SDS ID: SSC50002

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### Other Information

#### Disclaimer:

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.