



# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Algidex™ Ag

**MSDS Number:** MSDS-001

**Product Description:** Algidex™ Ag is an ionic silver alginate and maltodextrin matrix available with or without an absorbent backing. Algidex Ag is also available in paste form.

**Product Numbers:** 46-AG22, 46-AG44, 46-AG45, 46-AG45-1, 46-AG66, 46-AG88, 46-P10, 46-P10-1, 46-TF16, 46-TF16-1, 46-TF22, 46-TF22-1, 46-TF44, 46-TF44-1, 46-TF48, 46-TF48-1, 46-TF66, 46-TF66-1, 46-TF816, 46-TF816-1, 46-TF88, 46-TF88-1, 46-IV22, 46-IV22-1, 46-DN22, 46-DN22-1, 46-DN44, 46-DN44-1, 46-DN48, 46-DN48-1, 46-DN66, 46-DN66-1, 46-DN88, 46-DN88-1, 46-DN816, 46-DN816-1, 46-PG12, 46-PG14, 46-DB44, 46-DB46, 46-DB48, 46-DB410

**COMPANY PROFILE:**

DeRoyal Industries, Inc.  
200 DeBusk Lane  
Powell, TN 37849  
Information: (800) 251-9864

**EMERGENCY PHONE: CHEMTREC 24 hrs.**

**USA: 1 (800) 424 - 9300**

**Outside USA: 1 (703) 527 - 3887**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	wt. %	CAS Registry #	PEL mg/m <sup>3</sup>	TLV-TWA mg/m <sup>3</sup>	TLV-STEL mg/m <sup>3</sup>
Propylene Glycol	< 1	57-55-6	N.E.	N.E.	N.E.

Notes: N.E. = Not Established

## 3. HAZARDS IDENTIFICATION

**Primary routes of entry**

Eye  Inhalation  Skin  Ingestion

**Carcinogen listed in**

NTP  IARC  OSHA  Not Listed

**Potential health effects**

**Eye Contact:** N.A.

**Ingestion:** N.A.

**Inhalation:** N.A.

**Skin Contact:** N.A.

**Chronic:** None known

## 4. FIRST AID MEASURES

**Eye Contact:** N.A.

**Ingestion:** N.A.

**Inhalation:** N.A.

**Skin Contact:** N.A.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** N.A.

**Method:** N.A.

**Autoignition Temperature:** N.A.

**Flammable Limits:** N.A.

**Extinguishing Media:** Water, carbon dioxide, dry chemical or halogen foam

**Special Fire Fighting Procedures:** Fire fighters should wear a self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Decomposition by-products may include carbon monoxide, carbon dioxide and oxides of nitrogen.

## 6. ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** N.A.

## 7. HANDLING AND STORAGE

**Handling Precautions:** None

**Storage Precautions:** Store in cool, dry place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** General exhaust is adequate.

### Personal protection

**Eyes:** None necessary under normal conditions of use.

**Respirator:** None necessary under normal conditions of use.

**Skin:** None necessary under normal conditions of use.

**Other:** None necessary under normal conditions of use.

**Work/Hygienic Practices:** Practice good personal hygiene.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Purplish gray to brown in paste form, a thin sheet, coated on foam substrate or on Dermanet™.

**Vapor Pressure:** N.A.

**Odor:** No discernable odor.

**Solubility in Water:** N.A.

**Vapor Density:** N.A.

**Melting Point:** N.E.

**Specific Gravity:** N.E.

**Boiling Point:** N.A.

**Percent Volatility (By wt):** N.A.

## 10. STABILITY AND REACTIVITY

**General:** Stable

**Incompatible Materials:** Strong oxidizing agents.

**Conditions to Avoid:** Exposure to excessive heat. Material will support combustion.

**Hazardous Decomposition/Hazardous Combustion:** Carbon monoxides, carbon dioxides and oxides of nitrogen.

**Hazardous Polymerization:** Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Carcinogenicity

**IARC:** No

**NTP:** No

**OSHA:** No

**LD50:** N.E.

**LC50:** N.E.

## 12. ECOLOGICAL INFORMATION

This section is subject to future development.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all Federal, State and Local environmental regulations.

## 14. TRANSPORT INFORMATION

Department of Transportation Classification: N.A.

Department of Transportation Identification Number: N.A.

## 15. REGULATORY INFORMATION

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No reportable quantity.

**OSHA Hazard Communication Standard, 29 CFR 1910.1200:** All products are listed.

**SARA Title III (Superfund Amendments and Reauthorization Act):** No listed ingredient.

**TSCA (Toxic Substances Control Act):** All products are listed.

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 ET.SEQ.).

## 16. OTHER INFORMATION

**Revision Date:** 3/09/11

**Creation Date:** 1/30/04

**Prepared by:** Dr. Riley Kinman, PhD, P.E.

**Approved by:** Wendy Riggs, DeRoyal Industries, Inc.

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