



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-AG66, 46-AG88
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 ³	TLV-TWA mg/m ³	TLV-STEL mg/m ³
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 or coated on foam substrate.**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**NTF:** 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: 6/16/04

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

Approved by: Wendy Riggs, DeRoyal Industries, Inc.

Notice: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.