



DEMILEC (USA) LLC.
POLYURETHANE SYSTEMS MANUFACTURER

MATERIAL SAFETY DATA SHEET

SEALECTION Agribalance **B-side**

SECTION 1: PRODUCT & COMPANY INFORMATION

MANUFACTURER OF CHEMICAL COMPONENTS

Demilec (USA), LLC.
2925 Galleria Dr.
Arlington, TX 76011

Phone: (817) 640-4900
Fax: (817) 633-2000
e-mail: info@sealection500.com

PRODUCT

Trade Name: SEALECTION Agribalance B-side
Chemical Name: Resin Blend B-side

Emergency telephone:
1-877-DEMILEC or
CANUTEC: (613) 996-6666

SECTION 2: INGREDIENTS

INGREDIENTS	%	# CAS
Polyether Polyol	20 – 30	Trade Secret
Agricultural based Polyol	15 – 30	Trade Secret
Flame Retardant	15 – 40	Trade Secret
Tertiary Amine Catalyst	1 – 5	Trade Secret
Surfactant	0 – 1	Trade Secret
Water	1 – 20	7732-18-5

SECTION 3: PHYSICAL PROPERTIES

Appearance	Pale yellow to amber liquid
Odor	Faint odor
Viscosity @25°C, cps	250 - 450
Specific Gravity @25°C	1.08-1.12
Boiling Point	N/A
Vapour Pressure	Negligible
Vapour Density (Air=1)	N/A
Solubility in Water	Soluble
% Volatile by Volume	N/A

*N/A-Not Available

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point	Not Established
Auto-Ignition Temperature	Not Established
Extinguishing Media	Water; Carbon Dioxide; Dry Chemical; Foam

Fire-Fighting Equipment

Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters. Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Material supports combustion. During a fire, thermal decomposition or combustion may generate irritating and toxic gases such as carbon monoxide, carbon dioxide, nitrogen-oxides, traces of ammonia vapors and some aldehydes and ketones.

SECTION 5: STABILITY AND REACTIVITY**Stability:**

This product is considered stable under normal and anticipated storage and handling conditions (59- 77°F) (15-25°C). Avoid unintended contact with isocyanates. Avoid exposure to moisture and high temperatures to protect product quality.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Strong oxidizing materials, strong acids and alkali or alkaline earth metals (aluminum, zinc, beryllium and copper). This material reacts with isocyanate to form foam.

Decomposition Temperature:

Not Established

Hazardous Decomposition Products:

By fire - carbon dioxide, carbon monoxide, and oxides of nitrogen.

SECTION 6: HEALTH HAZARD DATA**ROUTE (S) OF ENTRY:**

Eye Contact, Skin Contact, Inhalation, Ingestion.

Eye Contact:

No effects of exposure expected with the expectation of irritation.

Skin Contact

No effects of exposure expected due to contact.

Ingestion:

May cause nausea, abdominal pains, vomiting and diarrhea.

Inhalation:

Not available.

Carcinogenity:

The components of this product are not listed by NTP, IARC or regulated as a carcinogen by OSHA.

SECTION 7: PERSONAL PROTECTION**Eye Protection Requirements:**

Use chemical goggles and face shields or full-faced air-supplied respirator. Persons who work with this product should not wear contact lenses.

Skin Protection Requirements:

Use protective clothing impervious to chemicals; chemical-resistant gloves (butyl, neoprene or nitrile rubber), long-sleeves coveralls and boots.

Ventilation Requirements:

Local exhaust should be used to maintain a fresh supply of air.

Open-air well ventilated foam spraying area:

Use air-purifying respirator and eye protection goggles, chemical resistant gloves and long-sleeved coveralls. Be sure to establish a safety zone to keep out nonessential personnel. Take care to protect people, cars, etc., against airborne overspray.

Spraying foam in enclosed areas:

Use full-face air-supplied respirator, chemical resistant gloves, eye protection and Saranex or polyethylene coated Tyvek coveralls. Take care that others do not enter the area until residual MDI and amine vapor have been vented away.

On-line foam processing:

Permanent ventilation equipment is necessary for on-line processing. Efficiency of this equipment must be checked regularly, especially in foaming operations where fans, duct and filters can become blocked with over-processed foam. Relevant operators must use air-purifying respirator, chemical protective goggles and face shields, chemical-resistant gloves and long sleeved coveralls.

Additional Protective Measures: Safety showers and eye wash stations should be easily accessible to the work area.

SECTION 8: FIRST AID MEASURES

First Aid for Eyes:	Flush with large amounts of running water for at least 15 minutes, holding eyelids open. Obtain medical attention
First Aid for Skin:	Remove all contaminated clothing and shoes. Wash skin thoroughly with soap and cold water for at least 15 minutes. Do not use hot water. Thoroughly clean clothing and shoes before reuse. If irritation should develop or persist consult a physician.
First Aid for Inhalation:	Remove patient to fresh air if vapors are inhaled and/or breathing becomes difficult. Administer artificial respiration (e.g. mouth-to-mouth) as needed. Obtain medical attention.
First aid for Ingestion:	If conscious, give 250 ml of milk or water to drink, and induce vomiting. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Obtain medical attention.

SECTION 9: HANDLING AND STORAGE

Storage Temperature (min/max): 59-77°F (15-25°C)

Shelf Life: 6 months

Handling and Storage Precautions:

Store in tightly closed containers in a cool, dry and ventilated place. Store away from ignition sources. Protect containers against physical damage. Avoid breathing vapours and contact with eyes or skin. Smoking in area is prohibited.

SECTION 10: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures:	If material is released or spilled, dam up to prevent spreading and contamination of surface waters, ground waters and drinking supplies. Spread sawdust absorbent over the spill area to absorb as much of the remaining product as possible, and then shovel into suitable metal containers for waste disposal. The spill area should then be washed down with soap and warm water to dilute and remove remaining traces of material. Ventilate area to remove the remaining vapors.
----------------------------------	--

SECTION 11: DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Waste must be disposed of in compliance with federal, state or local environmental control regulations. If incinerated, toxic and corrosive combustion gases must be properly handled.
-------------------------------	--

Empty Container Precautions: Empty containers retain product residue (liquid and / or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 12: TRANSPORTATION INFORMATION

Technical Shipping Name: Resin Solution, Sealection Agribalance
T.D.G. Classification: Non-Regulated

SECTION 13: TOXICOLOGICAL INFORMATION

NO TOXICOLOGICAL INFORMATION AVAILABLE

SECTION 14: ECOLOGICAL INFORMATION

NO ECOLOGICAL INFORMATION AVAILABLE

SECTION 15: APPROVALS

Notice: The information herein is presented in good faith and believed to be accurate as of the effective date shown bellow. However, no warranty expresses or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is buyer's responsibility to ensure that its activities comply with federal, state or provincial and local laws.

Prepared by: Julija Sinanovic, Chemist
Approved by: Dave Lall, General Manager
Current issue date: June 2007