

M A T E R I A L S A F E T Y D A T A S H E E T

WESTERN FARM SERVICE

PRODUCT NAME: First Choice Spreader Sticker

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I. IDENTIFICATION

PRODUCT NAME: First Choice Spreader Sticker

TYPE: This product is a mixture which has not been tested as a whole.

II. EMERGENCY CONTACTS

CHEMTREC: (24 Hour Emergency Number): (800) 424-9300

EPA NATIONAL RESPONSE CENTER: (800) 424-8802

POISINDEX: This product has been listed with Poisindex. In case of suspected poisoning with this product, contact your regional poison control center.

III. HAZARD RATINGS

HAZARD RATING:	Toxicity	1	Ignitability	U
	Reactivity	0	Persistence	0

HAZARD RATING DEFINITIONS:

TOXICITY/HEALTH

U = Unknown	0 = Nontoxic	1 = Slightly Toxic (Caution)
2 = Moderately Toxic (Warning)	3 = Highly Toxic (Danger)	

IGNITABILITY/FLAMMABILITY

U = Unknown
0 = Nonflammable/Flashpoint >200 F, or NFPA Level 0
1 = Flashpoint 140-200 F, or NFPA Level 1
2 = Flashpoint 80-140 F, or NFPA Level 2
3 = Flashpoint <80 F, or NFPA Levels 3 or 4

REACTIVITY/STABILITY

U = Unknown	0 = Nonreactive	1 = Reacts Nonviolently
2 = Reacts violently	3 = Reacts Explosively	

PERSISTENCE/BIODEGRADABILITY

U = Unkown	0 = Nonpersistent	1 = Somewhat persistent
2 = Persistent	3 = Highly persistent	

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 IV. HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>RTEC #</u>
Isopropyl Alcohol	67-63-0	NT8050000
Polydimethylsiloxane	9016-00-6	TQ2690000
Proprietary Nonionic Surfactant	(Non-Hazardous per manufacturer)	

 V. PHYSICAL DATA

	Isopropyl Alcohol	Polydimethyl Siloxane	Nonionic Surfactant
Molecular Wt.	60	Polymer	Not listed
Mol. Formula	C ₃ H ₈ O	(C ₂ H ₆ OSi) _n	Not listed
Odor Threshold	22 ppm	Not listed	Not listed
Vapor Density	2.1 (Air = 1)	Not listed	Not listed
Vapor Pressure (@20°C)	33 mmHg	Not listed	Not listed
Solubility @20°C (G/100G water)	Miscible	Dispersible	Soluble
Specific Gravity	0.79	1.00	0.98
Melting Point	-127°F	Not listed	Not listed
Boiling Point	180°F	Not listed	Not listed
Decomposition	Not listed	Not listed	Not listed
Flash Point Method	53°F Tagliabue	None	440°F Cleveland OC
Lower Explosive Limit (% in Air)	2.0	Not listed	Not listed
Upper Explosive Limit (% in Air)	12.7	Not listed	Not listed
Autoignition Temp.	750°F	Not listed	Not listed

 VI. SYNONYMS

Isopropyl Alcohol: Isopropanol, IPA, Dimethylcarbinol, UN 1219, Isohol, Propan-2-OL, 2-Propanol, Sec-Propyl Alcohol, N-Propan-2-OL
 Polydimethylsiloxane: Silicone Antifoam Emulsion, Organosilicone Emulsion, Gum, Latex, Poly(Oxy(Dimethylsilylene))
 Nonionic Surfactant: None listed

 VII. TOXICITY INFORMATION

PERMISSIBLE EXPOSURE LIMITS:

ISOPROYL ALCOHOL:
 400 ppm OSHA TWA
 400 ppm ACGIH TWA
 500 ppm ACGIH STEL

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VII. TOXICITY INFORMATION (CONTINUED)

400 ppm NIOSH Recommended TWA

800 ppm NIOSH Recommended 15 minute ceiling

POLYDIMETHYLSILOXANE: None established

NONIONIC SURFACTANT: None established

IMMEDIATELY DANGEROUS TO LIFE AND HEALTH DATA:

Isopropyl Alcohol: 20,000 ppm OSHA/NIOSH

Polydimethylsiloxane: None established

Nonionic Surfactant: None established

POTENTIAL CARCINOGEN DATA (IARC, NTP, OSHA):

Isopropyl Alcohol: Not listed

Polydimethylsiloxane: Not listed

Nonionic Surfactant: Not listed

VIII. FIRE AND EXPLOSION DATA

IN CASE OF FIRE INVOLVING THIS PRODUCT- Keep unnecessary people away.

Isolate area and deny entry. Stay upwind. Keep out of low areas. Do not become a casualty.

EXTINGUISHING MEDIA:

Small Fires: Dry chemical, CO₂, water spray or alcohol foam.

Large Fires: Water spray, fog or alcohol foam.

SPECIAL FIRE FIGHTING PROCEDURES:

- * Do not extinguish fire unless flow can be stopped
- * Wear appropriate protective clothing and equipment
- * Use water in flooding quantities as fog
- * Solid streams of water may spread fire
- * Cool all affected containers with flooding quantities of water
- * Apply water from as far a distance as possible
- * Contain spill and runoff to avoid environmental damage

UNUSUAL FIRE AND EXPLOSION HAZARDS:

- * None

IX. REACTIVITY DATA

INCOMPATIBILITIES: Strong oxidizers

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

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X. HEALTH HAZARD INFORMATION

ROUTES OF ENTRY: Inhalation, skin or eye contact, skin absorption,
ingestion.

ORGANS AFFECTED:

Isopropyl Alcohol: Eyes, skin, nasal septum, blood, central nervous system, cardiovascular system, kidneys, gastrointestinal
Polydimethylsiloxane: Eyes, skin, gastrointestinal
Nonionic Surfactant: Eyes, skin gastrointestinal

NOTE: Pre-existing medical conditions involving any of the above listed organs may be aggravated by exposure to this product. Specific pre-existing conditions, if noted, are included in the symptoms and acute and chronic health effects sections below.

SYMPTOMS:

Isopropyl Alcohol: Eye irritation, narcosis, drowsiness, dizziness, headache, dermatitis, gastrointestinal pain, nausea, diarrhea, nasal irritation, laryngeal cancer, paranasal sinus cancer, central nervous system depression, oliguria, mucous membrane irritation, comatose, areflexia, acetonuria, acetonemia, respiratory depression, vomiting, hematemesis, azotemia, melena, hemolysis, hypoglycemia, acidosis, excitation.
Polydimethylsiloxane: Nausea, mild eye irritation, mild skin irritation.
Nonionic Surfactant: Mild eye irritation, mild skin irritation.

ACUTE HEALTH EFFECTS:

Isopropyl Alcohol may cause eye, skin, respiratory, and gastrointestinal irritation and central nervous system depression.
Polydimethylsiloxane is a mild eye and skin irritant. Ingestion may result in nausea.
Nonionic Surfactant is a mild skin and severe eye irritant. No health effects are listed for inhalation or ingestion.

CHRONIC HEALTH EFFECTS:

Isopropyl Alcohol: Prolonged and repeated contact to unprotected skin may result in dermatitis.
Polydimethylsiloxane: No chronic effects listed.
Nonionic Surfactant: No chronic effects listed

SUMMARY OF HEALTH EFFECTS (LAY TERMS):

Isopropyl alcohol may cause eye, skin, respiratory and digestive tract irritation, inhalation or ingestion may cause nausea, weakness, fatigue, headache, and diarrhea. Prolonged skin contact may result in drying and cracking of the skin.
Polydimethylsiloxane is a mild eye and skin irritant.
Nonionic Surfactant is a mild skin and a severe eye irritant.

ADVISORY NOTE: A physician should be contacted if anyone develops any signs or symptoms and suspects that they are caused by exposure to this product.

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XI. PROTECTIVE EQUIPMENT

EYE AND FACE: Employees should be provided with and required to use splash-proof safety goggles. Wear face shield (8 inch minimum). Contact lenses should not be worn when working with this product.

CLOTHING: Prevent skin contact. Wear protective clothing appropriate for the type of exposure and work being performed.

GLOVES: Wear impervious gloves appropriate for the type of work being performed.

BOOTS: Wear impervious boots appropriate for the type of work being performed.

ADVISORY NOTE: Place contaminated clothing in marked closed containers for storage until laundered or discarded. If clothing is to be laundered, inform person performing operation of contaminant's hazardous properties.

XII. RESPIRATORY PROTECTION

Respiratory protective equipment must be selected and used in accordance with good industrial hygiene practice. Use of safety and health professionals may be necessary to select the appropriate respiratory device for the exposure. Only NIOSH approved respirators appropriate for the exposure should be used.

Firefighting

- Self-Contained breathing apparatus with a full face-piece operated in pressure-demand or positive-pressure mode

XIII. HYGENIC PRACTICES

WASHING CHEMICALS FROM SKIN: Advise washing promptly when skin becomes contaminated, before eating, smoking or using toilet facilities and at end of each work shift. Shower after each shift prior to leaving premises.

ROUTINE CHANGING OF WORK CLOTHING: Advise changing after work shift. Leave clothing and equipment for decontamination and disposal.

CLOTHING REMOVAL FOLLOWING ACCIDENTAL CONTAMINATION: Advise removal of clothing and thoroughly decontaminant before reuse.

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XIV. FIRST AID PROCEDURES

WHEN THIS PRODUCT IS USED - Clean water for prompt flushing of eyes and skin should be located within the immediate work area.

IN THE EVENT OF A RESCUE - Do not become a casualty. Put the established emergency rescue procedures into effect. Understand the facilities emergency rescue procedures and know the locations of rescue equipment before the need arises.

IF THIS CHEMICAL GETS INTO THE EYES - Immediately wash the eyes with large amounts of water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

IF THIS CHEMICAL GETS ON THE SKIN - Immediately wash contaminated skin. Get medical attention if irritation occurs.

IF A PERSON BREATHES IN LARGE AMOUNTS OF THIS CHEMICAL - Move the exposed person to fresh air at once. If breathing has stopped perform artificial respiration. Keep the affected person warm and at rest. Get medical attention immediately.

IF THIS CHEMICAL HAS BEEN SWALLOWED - And person is conscious, immediately give the person large quantities of water. Do not induce vomiting. Get medical attention immediately. Do not attempt to make an unconscious person drink liquids.

XV. SPILL AND LEAK PROCEDURES

Isopropyl Alcohol has a CERCLA Reportable Quantity of one hundred pounds. Polydimethylsiloxane does not have a CERCLA Reportable Quantity listed. Nonionic Surfactant does not have a CERCLA Reportable quantity listed. Spills exceeding these limits must immediately be reported to the EPA.

SPECIFIC SPILL AND LEAK PROCEDURES:

- * Keep sparks, flames and other ignition sources away.
- * Keep material out of water sources and sewers.
- * Build dikes to contain flow as necessary.
- * Attempt to stop leak only if without hazard.
- * Use water spray to knock down vapors.
- * Wear appropriate protective clothing and equipment.
- * Small Spills: Take up with sand or noncombustible absorbent material.
- * Large Spills: Dike or dig pits for containment.
- * Water Spills: Restrict water use and access downstream.

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XVI. WASTE DISPOSAL INFORMATION

Containers of this product may be hazardous when emptied. Emptied containers may retain product residues (vapor, liquid, and/or solid). Dispose of all unwanted or spilled product and containers in accordance with local, state and federal regulations.

XVII. NOTICES

Keep out of reach of children. Read the container label. Follow all precautionary directions and restrictions. Use this product in accordance with all federal, state, and local regulations.

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.

Western Farm Service, Inc. makes no warranty of merchantability, fitness for any purpose or otherwise, express or implied, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on the label.

XVIII. PREPARATION DATA

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