

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	PAS 800
CHEMICAL NAME	Mixture Phosphatidylcholine and Methylacetic, acid, or 1,2 diacyl-SN-glycero-3-phosphorylcholine and propionic acid
CHEMICAL FAMILY	Surfactant
EPA REG. NO.	N/A
SIGNAL WORD	DANGER

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Phosphatidylcholine, methylacetic acid and alkyl polyoxyethylene ether Components	Blend	80.0	10 ppm/TWA 15ppm/15 min STEL	NH
Ineffective as adjuvants	N/A	20.0	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	N/A	<u>Specific Gravity</u>	1.02 g/ml
<u>Vapor Pressure</u>	N/A	<u>% Volatiles</u>	N/A
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Emulsifies
<u>pH</u>	3-4	<u>Appearance/Odor</u>	Dark brown liquid vinegar-like odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F (T.C.C.)
Extinguishing Media	Water, dry chemical, CO2
Fire Fighting Procedures	Wear a positive pressure self-contained breathing apparatus with proper protective gear.

SECTION V – REACTIVITY DATA

Stability	Stable.
Conditions to Avoid	Highly alkaline conditions.
Incompatibility	Strong oxidizers.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	Not listed by NTP, IARC, or ACGIH
Toxicity Data	Oral LD50 is >5.0 g/kg Dermal LD50 is >5.0 g/kg
TLV	10 ppm/TWA – 15 ppm/15min STEL
N.F.P.A.	Health: 2, Fire: 2, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Liquid can cause skin and eye burns. The vapors are irritating to the eyes, nose and throat.

SECTION VII – EMERGENCY PROCEDURES

If on Skin: Treat as corrosive. Immediately flush skin with large amounts of water for at least 15 minutes while removing clothing. Get medical attention.

If in the Eyes: Treat as corrosive. Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

If Swallowed: Immediately drink two (2) glasses of water. Induce vomiting. Get medical attention immediately.

If Inhaled: Remove victim to fresh air; apply artificial respiration if necessary.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Pick up absorbent materials and place in a container for proper disposal in accordance with all Federal, State and Local Regulations.

Waste Disposal Method
Do not contaminate water, food or feed by storage or disposal. Dispose of in accordance with Local, State, and Federal Regulations.

Container Disposal
Triple rinse (or equivalent) adding rinse water to the spray tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by the appropriate authorities.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Wear a NIOSH/MSHA approved respirator if necessary.
Ventilation	<u>Local:</u> Not required. <u>Special:</u> Not required. <u>Mechanical:</u> General <u>Other:</u> None
Protective Gloves	Wear rubber or impervious gloves.
Eye Protection	Wear goggles or a face shield.
Other	Full body covering clothing.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store away from foodstuffs.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Spray Adjuvant, Liquid, NOS
Reportable Quantity	N/A
E.R.G. Guide Sheet	171

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