

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): Premium 9-24-3
MANUFACTURER'S NAME: Nutra-Flo Company
ADDRESS: 1919 Grand Ave
Sioux City, IA 51106
EMERGENCY PHONE: Chemtrec 1-800-424-9300 @ 24 hrs a day
BUSINESS PHONE: 712-277-2011
DATE OF PREPARATION: November 17, 2008

2. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% w/w	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA			NIOSH REL
			TLV TWA	STEL	PEL	STEL	IDLH	
Ammonium Polyphosphate Solution	68333-79-9	60-65	NE	NE	NE	NE	NE	NE
Urea [(NH ₂) ₂ CO]	57-13-6	5-8	NE	NE	NE	NE	NE	NE
Potassium Orthophosphate, Dibasic (K ₂ HPO ₄)	7758-11-4	1-5	NE	NE	NE	NE	NE	NE
Potassium Orthophosphate, monobasic, (KH ₂ PO ₄)	7778-77-0	1-5	NE	NE	NE	NE	NE	NE
Dipotassium Pyrophosphate (K ₂ H ₂ P ₂ O ₇)	14691-84-0	1-5	NE	NE	NE	NE	NE	NE
Water	7732-18-5	Balance	NE	NE	NE	NE	NE	NE

NE*=NOT ESTABLISHED

NA*= NOT AVAILABLE

3. HAZARD IDENTIFICATION

NFPA Rating (Scale 0-4) Health=1 Fire=0 Reactivity=0

Route of Entry: Material is an irritant to the eyes and skin
Eyes: Can result in irritation.
Skin: Not expected.
Ingestion: Low toxicity.
Inhalation: Nuisance dust, irritation to eyes, ears, nose and throat.
Acute: Low toxicity skin contact and inhalation.
Chronic: No evidence of chronic effects found.

4. FIRST-AID MEASURES

IF INHALED: Generally not considered an inhalation hazard.
IN CASE OF EYE CONTACT: Flush eyes with water immediately for 15-30 minutes. Consult a physician if irritation persists.
IN CASE OF SKIN CONTACT: Remove contaminated clothing and flush skin with water immediately for 15-30 minutes. If irritation persists, get medical attention.
IN CASE OF INGESTION: Give large quantities of water and induce vomiting. Consult a physician if irritation persists.

5. FIRE-FIGHTING MEASURES

FLASH POINT, °C (method): ND
AUTOIGNITION TEMPERATURE, °F: ND
FLAMMABLE LIMITS (in air by volume, %): ND

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL STABILITY: Material will biodegrade.

EFFECT OF MATERIAL ON PLANTS OR ANIMALS:

Potassium Orthophosphate, Monobasic: orl-rat LDLo: 4640 mg/kg, skn-rbt LD50:>4640 mg/kg

EFFECT OF CHEMICAL ON AQUATIC LIFE: Not tested.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

EPA WASTE NUMBER: As shipped, material would not be a hazardous waste per 40 CFR section 261, Subpart C and D.

14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: This material is not regulated under 49 CFR Part 172

HAZARD CLASS NUMBER AND DESCRIPTION: Not Regulated

UN IDENTIFICATION NUMBER: Not Regulated

DOT LABEL(S) REQUIRED: None

EMERGENCY RESPONSE GUIDE NUMBER: 171

RQ: None

15. REGULATORY INFORMATION

SARA REPORTING REQUIREMENTS: None of the materials listed as components or ingredients are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

TSCA INVENTORY STATUS: Ingredients of this material are listed on the TSCA inventory.

MARINE POLLUTANT: This product does not contain any material listed as a Marine Pollutant under 49 CFR 172.101.

CALIFORNIA PROPOSITION 65: No

CERCLA REPORTABLE QUANTITIES (RQ): No

STATE REGULATORY INFORMATION: NA

16. OTHER INFORMATION

The information and recommendations herein are taken from data contained in independent, industry recognized references including, NIOSH, OSHA, ANSI, SAX's Dangerous Properties of Industrial Materials, and NFPA. This information is furnished free of charge and is based on data believed to be reliable. It is intended for use by persons possessing technical knowledge at their own discretion and risk. Since actual use is beyond our control, no guarantee, express or implied, and no liability is assumed by Nutra-Flo Company in conjunction with the use of this information. Nothing herein is to be construed as a recommendation to infringe any patents.