

**III. HAZARDS IDENTIFICATION**

	Purgex™ 461 Plus	Purgex™ 201
Health Hazard	0 Minimal	0 Minimal
Reactivity Hazard	0 Minimal	0 Minimal
Flammability Hazard	0 Minimal	0 Minimal
Unusual Fire and Explosion Hazard	None <sup>2</sup>	None

Polyethylene (translucent, colorless pellets)  
A hazard warning is not required for polyethylene under OSHA Hazard Communication Standard (29 CFR 1910 - 1200).

Fire Fighting Procedures: Use dry chemical, water spray/water fog, foam or carbon dioxide or sand/earth. If possible, apply water spray from fogging nozzle and avoid high velocity water streams. Firefighters should wear self-contained breathing apparatus in the positive pressure mode with a full face piece when exposure to smoke and fumes is possible.

Hazardous polymerization will not occur.

Decomposition products are water and carbon dioxide.

1 Hazardous Materials Identification System (HMIS)

2 Slight under severe dusting of polyethylene

**IV. HUMAN HEALTH DATA**

Routes of entry....: Inhalation, Skin Contact, Eye Contact

**HUMAN EFFECTS AND SYMPTOMS OF EXPOSURE:**

	Purgex™ 461 Plus	Purgex™ 201		
		Component A	Component B	Component C
Acute Skin Contact	None	No irritation	Irritating	Irritating mild
Acute Eye Contact	None	No irritation	Irritating	Irritating mild
Chronic Effects of Exposure	No data available	No data available	No info found showing adverse effects from overexposure	Large doses can produce alkalosis
Carcinogenicity	Not carcinogenic	Not carcinogenic	Not listed as carcinogen by OSHA, NTF, or IARC	Not carcinogenic
Medical Conditions Aggravated by Exposure	N/A	N/A	Pre-existing conditions increase susceptibility	N/A

**IV. HUMAN HEALTH DATA, continued**

EXPOSURE LIMITS:				
	Purgex™ 461 Plus	Purgex™ 201 (all Components)		
		Component A	Component B	Component C
OSHA - PEL for Nuisance	15 mg/M <sup>3</sup> total	15 mg/M <sup>3</sup> total	15 mg/M <sup>3</sup> total	N/A
Dust Respirable Fraction	5 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>	5 mg/M <sup>3</sup>	
ACGIH - TLV for Nuisance Dust	10 mg/M <sup>3</sup>	10 mg/M <sup>3</sup> max	10 mg/M <sup>3</sup> max	N/A
Acute Toxicological Oral LD50	10 g/Kg	10 g/Kg	N/A	6 g/Kg (20% Slurry)

**EMERGENCY FIRST AID PROCEDURES:**

Eyes	Flush eyes with cold water for 15 minutes	Flush eyes with cold water for 15 minutes	Flush eyes with cold water for 15 minutes	Flush eyes with cold water for 15 minutes
Skin contact	Water wash affected area	Water wash affected area	Water wash affected area	Water wash affected area
Inhalation	Remove to fresh air	Remove to fresh air	Remove to fresh air	Remove to fresh air
Ingestion	Low health hazard, non-toxic, drink water to dilute	Low health hazard, non-toxic, drink water to dilute	Low health hazard, non-toxic, drink water to dilute	Low health hazard, non-toxic, drink water to dilute

TLV - Threshold Limit Value  
PEL - Permissible Exposure Limit

**V. REACTIVITY DATA**

Stability:	These are stable materials.
Hazardous Polymerization:	Will not occur.
Incompatibilities:	None known.
Decomposition Products:	In case of fire, carbon dioxide, steam, and other products of combustion.

**VI. SPILL, LEAK, AND DISPOSAL PROCEDURES****PROCEDURE FOR CLEAN UP**

Ordinary housekeeping procedures are adequate. Clean by vacuum or broom sweeping and remove to disposal container. Material can be landfilled. In case of spillage, sweep up and dispose of in accordance with federal, state, and local regulations.

According to federal hazardous waste regulations, 40 CFR 261.33, these materials are not listed as hazardous wastes.

**VII. SPECIAL PRECAUTIONS****HANDLING & STORAGE**

Keep containers sealed until ready for use.  
 Store in cool, dry area. Keep temperature below 150°F.  
 Not D.O.T. regulated.  
 Empty containers may contain residues and are subject to proper waste disposal, as above.

**VIII. REGULATORY INFORMATION**

This product is a mixture of ingredients all of which are listed on the TSCA (Toxic Substances Control Act) Chemical Substances Inventory.

**NOTICE:**

Neutrex, Inc. expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. This information is believed to be accurate. Neutrex, Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Neutrex, Inc.'s control and therefore users are responsible for verifying this data under their own operating conditions to determine whether the product is suitable for their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designed herein and does not relate to its use in combination with any other material or in any other process.

9990-06

End of MSDS



Purging Compounds That Really Work

11119 Jones Road West · Houston, TX 77065 · (800) 803-6242 · fax (281) 807-9748

MATERIAL SAFETY DATA SHEET


Purging Compounds  
MSDS NO. 21-12**I. IDENTIFICATION**

Purgex™ BLENDS 461 Plus

Purgex™ CONCENTRATES 201

**Purgex™ BLEND COMPOSITION:**

- Purgex™ 461 Plus: 97% PE + 3% Purgex™ 201
- Purgex™ 201 and SOLEX consist of three food additives; the identity of these is a trade secret.

Component	A	B	C
Product Name, Code, CAS, Formula	Trade Secret	Trade Secret	Trade Secret
Chemical Family	Organic Acid	Fatty Acid	Inorganic Acid
General Use	Food Additive	Food Additive	Food Additive

**POLYETHYLENE DILUENTS**

Chemical Name: Ethene, Homopolymer  
 CAS 9002884 100%  
 Appearance: Translucent, colorless pellets

**II. CHEMICAL AND PHYSICAL PROPERTIES**

	Purgex™ 461 Plus	Purgex™ 201
Physical Appearance	Translucent and white pellets	White pellets or powder
pH	NA	NA
Vapor Pressure	NA	NA
Boiling Point	NA	NA
Freezing Point	NA	NA
Solubility	Insoluble in water	Insoluble in water
Specific Gravity	0.91 to 1.02	bulk density - 37 PCF
Evaporation Rate	None	None
Percent Volatility	0	0
Chemical Stability	Stable	Stable
Polymerization	Will not occur	Will not occur
Odor	None	None
Appearance and color	Translucent and white pellets	White pellets or powder