

MATERIAL SAFETY DATA SHEET

Section 1: Product and Company Identification

Product name: Filter Perfect
Chemical formula: Proprietary Blend
Product code(s): 03215
Manufacturer: Natural Chemistry, Inc.
USA: 76 Progress Drive, Stamford, CT 06902
CANADA: 17 Trent Drive, Campbellford, ON Canada K0L 1L0
Emergency phone: 800-753-1233
Fax number: 705-653-5445
Revision Date: 04/05/05

Section 2: Composition / Information on Ingredients

CAS No.	INGREDIENT	% wt.
n/a	proprietary enzymes	*
4719-04-4	hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine	*
5989-27-5	citrus terpene	*
n/a	vegetable extract	*
7732-18-5	water	balance

* Proprietary

Section 3: Hazards Identification

EMERGENCY OVERVIEW

May cause skin and eye irritation. If ingested, may cause nausea and or diarrhea.

POTENTIAL HEALTH EFFECTS (See Section 11 for toxicological data)

Eye: May cause irritation
Skin: May cause irritation
Ingestion: Irritation of mouth and throat, nausea and mild diarrhea
Inhalation: mucus membrane irritation
Acute and Chronic Exposure: may cause irritation to eyes, skin, throat and stomach
Aggravation of Pre-existing Conditions: may aggravat existing skin, respiratory and digestive problems

Section 4: First Aid Measures

If in eyes: rinse eye with generous amounts of water for 15 minutes
If on skin: wash with water, wash clothes before reuse
If swallowed: do not induce vomiting, keep head below knees
If inhaled: remove to fresh air if effects occur, oxygen if breathing is difficult

Section 5: Fire Fighting Measures

Flammable Properties

Flash Point: not applicable
Fire: non-flammable or combustible
Explosion: non-explosive
Extinguishing Media: product is an effective fire extinguisher

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Section 6: Accidental Release Measures (See Section 15 for Regulatory Information)

Product is biodegradable. Contain spill and dispose of according to regulatory guidelines.

Section 7: Handling and Storage

May induce rusting of mild steel containers. Shipping and storage should not exceed 120F.
Should be kept away from heat, oxidizers and bactericides. Store out of direct sunlight.
Use within 12 months.

Section 8: Exposure Controls/Personal Protection

Ventilation System: Normal
Personal Respirators: (NIOSH Approved) recommended if product is sprayed or misted
Eye/Face Protection: Goggles
Skin Protection: Gloves recommended

Section 9: Physical and Chemical Properties

Appearance/Physical State: cloudy, amber liquid
Odor: mild citrus
Vapor Pressure: (mm Hg) as H₂O: not found
Vapor Density: (Air=1): not found
Boiling Point: 212F,
Solubility in Water/Miscibility: 99% soluble
Specific Gravity: 1.007
Freezing Point: 32F,
pH: 5.86

Section 10: Stability and Reactivity

Chemical Stability: Stable
Incompatibility with Other Materials: caustics above 9.0 pH and acids below 3.5
Conditions to Avoid: temperatures above 120F / freezing / strong acids or alkalies
Hazardous Decomposition Products: not known
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Toxicological Data: Carcinogenicity (listed as carcinogen):
NYP: no IARC: no OSHA: no

Section 12: Ecological Information

Environmental Fate: unknown Environmental Toxicity: unknown

Section 13: Disposal Considerations

Disposal: Whatever cannot be saved for recovery or recycling may be flushed to waste water treatment facilities and drain systems. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

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Section 14: Transportation Information

Department of Transportation (Land, D.O.T.): not regulated

Section 15: Regulatory Information

Chemical Inventory Status: not found

Federal, State & International Regulations: not found

Section 16: Other Information

Hazard Rating System:

National Fire Protection Association (NFRA) Ratings: Health: 1; Flammability: 0; Reactivity: 0

MSDS Creation Date: 08/23/2004

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MSDS are intended as a tool for hazard evaluation within the work place. Judgment should be exercised in extrapolating MSDS data to the community environment and to use as intended by the general public.

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