

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **Ultrashield Green Gel**
August 17, 2010

SECTION 4 – FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency attention.

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

EYES: Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: Give one to two glasses of water for dilution; Induce vomiting by sticking fingers down throat; never give anything by mouth to an unconscious person; seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)
Non-flammable

FLAMMABLE LIMITS

LEL:

UEL:

AUTOIGNITION TEMPERATURE: Not determined

NFPA CLASS:

GENERAL HAZARDS:

Product is not flammable. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES: Self-contained respiratory equipment

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS COMBUSTION PRODUCTS:

Smoke, fumes or vapors, oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Not ordinarily required, however, NIOSH approved respirator recommend to prevent overexposure. Refer to 29 CFR 1910.134, ANSI Z88.2, or European Standard EN 149 for complete regulations.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **Ultrashield Green Gel**
 August 17, 2010

Page 3 of 5

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION, continued

PROTECTIVE GLOVES: Recommend for general protection.

EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN 166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.

WORK/HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR
 Whitish gel, herbal odor

VAPOR PRESSURE (AIR=1)
 >1

SPECIFIC GRAVITY (WATER =1)
 0.990

EVAPORATION RATE (WATER =1)
 <1

SOLUBILITY IN WATER
 Soluble

pH
 7.00

BOILING POINT
 N/A

VAPOR PRESSURE
 N/A

% VOLATILE (BY WEIGHT)
 N/A

FREEZING POINT
 N/A

VISCOSITY
 40,000 cps

VOLATILE ORGANIC COMPOUNDS (VOCS)
 N/A

SECTION 10- STABILITY AND REACTIVITY

STABILITY
 UNSTABLE:
 STABLE: X

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon and silicone, hydrocarbons, fumes or vapors, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR:
 WILL NOT OCCUR: X

CONDITIONS TO AVOID: None

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient Species and Route	LC50 of Ingredient Species

MATERIAL SAFETY DATA SHEETPRODUCT NAME: **Ultrashield Green Gel**
August 17, 2010

Page 4 of 5

SECTION 12 – ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD or BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. This product may produce hazardous vapors in a closed disposal container creating a dangerous environment. Refer to 40 CFR 260-299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway. According to the European Waste Catalogue, waste codes are application specific and should be assigned by the user based on the application for which the product is used.

SECTION 14 – TRANSPORT INFORMATION

PROPER SHIPPING NAME:

DOT HAZARD CLASS/PACK GROUP: None
REFERENCE:

UN/NA IDENTIFICATION NUMBER: None

LABEL: None required

HAZARD SYMBOLS: None

IATA HAZARD CLASS/PACK GROUP: See note below

IMDG HAZARD CLASS: See note below

ID/ADR DANGEROUS GOODS CODE: See note below

UN TDG CLASS/PACK GROUP: See note below

Hazard Identification Number (HIN): None

NOTE: Transportation information provided is for reference only. User is urged to consult 49 CFR 100-177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 – REGULATORY INFORMATION**TSCA (Toxic Substance Control Act)**

All components of this product are listed on the U.S. Toxic Substance Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume or Polymer Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories:

Fire hazard, Immediate Health

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS classification: B2, D2A, D2B

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substance List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substance Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: nwg**VbK Index:** A III

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **Ultrashield Green Gel**
 August 17, 2010

SECTION 15 – REGULATORY INFORMATION, continued

Risk Phrases	SYMBOL(S) REQUIRED FOR LABEL	Safety Phrases

SECTION 16 – OTHER INFORMATION

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

HMIS HAZARD RATINGS	HEALTH	0	*=Chronic Health Hazard	2=Moderate
	FLAMMABILITY	0	0=Insignificant	3=High
	PHYSICAL HAZARD	0	1= Slight	4=Extreme
	PERSONAL PROTECTIVE EQUIPMENT	G Safety glasses, Gloves, Vapor Respirator		

REVISION SUMMARY: Revised August 17, 2010 – added product chemistry information	MSDS Prepared by: Karen Norkaitis W. F. Young, Inc
---	---

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.