



KOCH FERTILIZER CANADA, ULC

June 4, 2015

Ms. Tracey Braun
Director
Environmental Approvals Branch
Conservation and Water Stewardship
123 Main Street Suite 160
Winnipeg, Manitoba R3C 1A5

RE: Koch Fertilizer Canada, ULC (KFC ULC) – SuperU® Production

Dear Ms. Braun:

Request for Approval:

KFC ULC is requesting approval from the Environmental Approvals Branch of Manitoba Conservation and Water Stewardship (MCWS) for continued production of Super U® stabilized nitrogen (material safety data sheet attached).

Background:

For background, KFC ULC received approval for a one year production trial from the Environmental Approvals Branch on May 23, 2013 to produce SuperU® stabilized nitrogen within KFC ULC's existing urea manufacturing plant. The production trial started on September 3rd, 2013. KFC ULC received an extension to the production trial to March 31, 2016.

SuperU® stabilized nitrogen fertilizer is a ready-to-use stabilized nitrogen fertilizer containing both urease and nitrification inhibitors to reduce nitrogen loss on and below the soil surface. Urea is a nitrogen based fertilizer with a 46% nitrogen content. It is manufactured by reacting ammonia with carbon dioxide to produce a urea solution. The urea solution is either granulated to produce solid urea or blended as a solution with ammonium nitrate solution and water to make urea ammonium nitrate, which are both agricultural nitrogen-based fertilizers.

SuperU® stabilized nitrogen is manufactured with the existing urea manufacturing plant (see process and instrument diagram attached), and involves two additives, Dicyandimide (DCD) and n-butylthiophosphoric triamide (NBPT) which is then granulated into a dry product. Material safety data sheets for each additive are included with this submission. The DCD is received in dry powder form in one cubic meter super sacs, which are off-loaded into a surge bin. The NBPT is a liquid product and is received in 1200 liter chemical totes. Liquid blue dye results in the SuperU® stabilized nitrogen being blue in color compared to the regular white urea. The content of each additive is analyzed routinely at KFC ULC and validated by a third party on a monthly basis.



KOCH FERTILIZER CANADA, ULC

During the production trial period KFC ULC has alternated between production of SuperU® stabilized nitrogen and regular urea, including periods with production of neither product, depending on the demand of the agricultural market.

Environmental Impacts and Licence Conditions:

Currently KFC ULC is evaluating the infrastructure and equipment required to allow for more efficient handling of the additive chemicals. This includes potentially receiving the three products (DCD, NBPT and blue dye) in a single slurry. KFC ULC's continued assessment, after about 20 months of production, is that manufacturing of this product does not result in any adverse environmental or health and safety effects. Infrastructure modifications will not result in a new emission to atmosphere beyond those already approved in the trial period, nor result in a change to the plant liquid effluent. Further, there will be no adverse environmental effects associated with the product handling or storage, no significant increased energy usage, and no increase in noise, dust or other nuisances. Throughout the production trial period KFC ULC has and will continue to conform to the licence limits as listed in Environment Act Licence 1535 RR. No change is anticipated in this going forward. If a new building is constructed to house this equipment it will be completed with the appropriate construction permit from the City of Brandon.

The safety and health risks associated with these products are mitigated with existing personnel protection equipment that is mandatory for use on site and with the standard operating procedures in place for use and handling of these products.

KFC ULC is seeking approval from the Environmental Approvals Branch of Manitoba for the continued manufacturing of SuperU® stabilized nitrogen on a permanent basis within the existing urea manufacturing process.

If you have any questions or concerns with respect to the information contained within this report, do not hesitate to contact me at (204) 729-2981.

Yours truly,

KOCH FERTILIZER CANADA, ULC

A handwritten signature in blue ink, appearing to read 'Rodi Sveistrup', written over a horizontal line.

Rodi Sveistrup
Compliance Team Leader

cc: Peter Crocker, Conservation and Water Stewardship, Brandon, Manitoba



KOCH AGRONOMIC SERVICES, LLC

HIGH EFFICIENCY NITROGEN FERTILIZER



SUPERU™ FERTILIZER REDUCES LOSSES DUE TO:

- Volatilization
- Denitrification
- Leaching

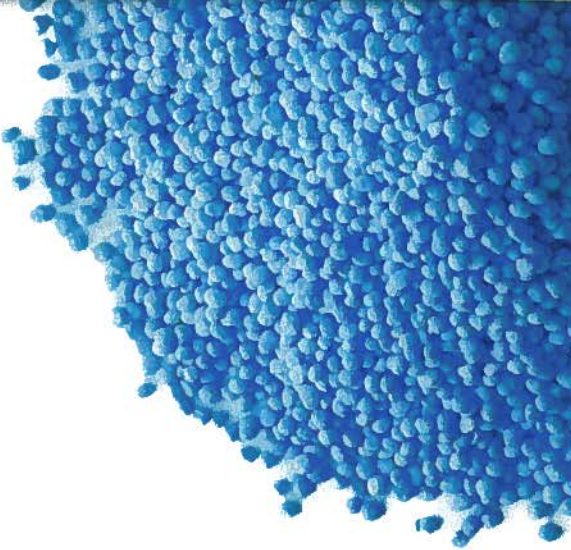
SUPERU™ fertilizer has an analysis of 46-0-0 and is stabilized with both nitrification and urease inhibitors to maximize the efficiency of surfaced-applied nitrogen when losses are likely to occur. It can be used as a nitrogen source for all crops that require N.

SUPERU™ fertilizer is easily used in many application methods without the need for incorporation, such as:

- Broadcast
- Side Banded
- Pre-Seed
- Mid-Row Banded
- Post-Seed

Broadcasted SUPERU™ fertilizer can replace banded application of urea. This could increase the number of acres you can cover in a day. Ask your dealer for SUPERU™ fertilizer this season.

SUPERU™ fertilizer has the same characteristics as urea and is not intended for seed placement. No seed place safety claims are made with this product.



SUPERU™ FERTILIZER SPECIFICATIONS

TOTAL NITROGEN	46%
FORM	GRANULAR UREA WITH TWO INHIBITORS
SGN*	265-300

*Size Guide Number

www.honestagriculture.com | 866-863-5550

NOTICE: This program provides selected information about SUPERU™ fertilizer and particular uses of the same. It does not provide a complete statement of, and does not constitute a representation, warranty or guaranty with regard to, the product's characteristics, uses, suitability, safety, efficacy, hazards or health effects. Users of the product are responsible for determining that the product is suitable for the intended use and that its workers and the general public are advised of any risks resulting from such use.

SUPERU™ and the SUPERU™ logo are trademarks of Koch Agronomic Services, LLC. The Koch logo is a trademark of Koch Industries, Inc. ©2013 Koch Agronomic Services, LLC 13-0787-Web1



Koch Fertilizer Canada, ULC

1. Identification

Product Identifier SuperU® Stabilized Nitrogen Fertilizer

Other means of identification

Product code KFC_SuperU_US_EN

Recommended use Fertilizer.

Recommended restrictions Use in accordance with supplier's recommendations.

Manufacturer / Importer / Supplier / Distributor Information

Manufacturer/Supplier Koch Fertilizer Canada ULC
1400 17th Street East
Brandon, MB
R7A 7C4, Canada
204-729-2900

Emergency For Chemical Emergency
Call CHEMTREC day or night
USA/Canada - 1.800.424.9300
Mexico - 1.800.681.9531
Outside USA/Canada - 1.703.527.3887
(collect calls accepted)

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention Use personal protective equipment as required.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC) Not classified.

Supplemental information
Not applicable.

3. Composition/information on ingredients**Mixtures**

Chemical name	CAS number	%
Urea	57-13-6	60 - 100
Non hazardous dye	Proprietary	< 3
Dicyandiamide	461-58-5	0.1 - 1
N-(n-butyl)-thiophosphoric triamide	94317-64-3	< 0.1
N-Methyl-2-pyrrolidone	872-50-4	< 0.1
Non hazardous component	Proprietary	< 0.1

Composition comments

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
This Safety Data Sheet is not a guarantee of product specification or NPK value(s). NPK content is on specified sales orders, customer invoices, or product specification sheets obtained from supplier.

4. First-aid measures

Inhalation

Move person to fresh air. Get medical attention if any discomfort continues.

Skin contact

Wash off with plenty of water. Get medical attention if irritation develops or persists.

Eye contact

Do not rub eye. Remove contact lenses, if present and easy to do. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion

Rinse mouth thoroughly if dust is ingested. Get medical attention if any discomfort occurs.

Most important symptoms/effects, acute and delayed

Symptoms can include irritation, redness, scratching of the cornea, and tearing.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical

Urea is non-combustible under most conditions. However, during a fire, irritating/toxic gases may be generated. The dust can be ignited at very high temperatures, but not expected to explode (minimum ignition temperature (cloud) = 900 deg C.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Fire-fighting equipment/instructions

Move containers from fire area if you can do it without risk. Use water spray to prevent dust formation, absorb heat, keep containers cool and protect fire-exposed material.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid inhalation of dust and contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. After removal flush contaminated area thoroughly with water.

Never return spills to original containers for re-use.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers or watercourses.

7. Handling and storage

Precautions for safe handling

Avoid inhalation of dust and contact with skin and eyes. Use only with adequate ventilation. Use work methods which minimize dust production. Keep the workplace clean.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Store in a cool, dry place. Keep container tightly closed. Store away from incompatible materials. Long term storage at temperatures above 100°F (36°C) can adversely affect the efficacy of products containing N-(n-butyl)-thiophosphoric triamide.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Dust (CAS -)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Dust (CAS -)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 millions of particle	Total dust.
		15 millions of particle	Respirable fraction.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Dust (CAS -)	TWA	3 mg/m3	Respirable particles.
		10 mg/m3	Inhalable particles.

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value	Form
N-Methyl-2-pyrrolidone (CAS 872-50-4)	TWA	40 mg/m3	
Urea (CAS 57-13-6)	TWA	10 ppm	
		10 mg/m3	Total particulate.

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
N-Methyl-2-pyrrolidone (CAS 872-50-4)	100 mg/l	5-Hydroxy-N-methyl-2-pyrrolidone	Urine	*

* - For sampling details, please see the source document.

Exposure guidelines

US WEEL Guides: Skin designation

N-Methyl-2-pyrrolidone (CAS 872-50-4) Can be absorbed through the skin.

Appropriate engineering controls Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust.

Individual protection measures, such as personal protective equipment

Eye/face protection Use tight fitting goggles if dust is generated.

Skin protection

Hand protection Risk of contact: Wear protective gloves. Suitable gloves can be recommended by the glove supplier.

Other Risk of contact: Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Wear air supplied respiratory protection if exposure concentrations are unknown. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134 and ANSI Z88.2.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	Light to medium blue granules
Physical state	Solid.
Form	Granules.
Color	Light to medium blue
Odor	Slight sulfurous
Odor threshold	Not available.

pH	7.2 (10% in water)
Melting point/freezing point	275 °F (135 °C) Decomposes
Initial boiling point and boiling range	Not Applicable.
Flash point	Not available.
Evaporation rate	Not Applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not Applicable.
Flammability limit - upper (%)	Not Applicable.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not Applicable.
Vapor density	Not Applicable.
Relative density	1.32
Solubility(ies)	Soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other Information	
Density	47.00 lb/ft ³

10. Stability and reactivity

Reactivity	The product is stable and non reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal temperature conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Extreme temperatures.
Incompatible materials	Acids. Strong reducing agents. Strong oxidizing agents.
Hazardous decomposition products	During combustion: Carbon oxides. Nitrogen oxides. Sulfur oxides.

11. Toxicological information

Information on likely routes of exposure

Ingestion	May cause discomfort if swallowed.
Inhalation	High concentrations of dust may irritate throat and respiratory system and cause coughing.
Skin contact	Dust may irritate skin.
Eye contact	Dust may irritate the eyes.

Symptoms related to the physical, chemical and toxicological characteristics
Symptoms can include irritation, redness, scratching of the cornea, and tearing.

Information on toxicological effects

Acute toxicity May cause discomfort if swallowed.

Components	Species	Test Results
N-(n-butyl)-thiophosphoric triamide (CAS 94317-64-3)		
<i>Acute</i>		
<i>Dermal</i>		
LD50	Rat	> 2000 mg/kg
<i>Oral</i>		
LD50	Rat	> 2823 mg/kg

Components	Species	Test Results
N-Methyl-2-pyrrolidone (CAS 872-50-4)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	8000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5.1 mg/l
<i>Oral</i>		
LD50	Rat	3914 mg/kg
Urea (CAS 57-13-6)		
Acute		
<i>Oral</i>		
LD50	Rat	14300 mg/kg
Skin corrosion/irritation	May cause irritation through mechanical abrasion.	
Serious eye damage/eye irritation	Product dust or powder may cause mechanical eye irritation.	
Respiratory sensitization	Based on available data, the classification criteria are not met.	
Skin sensitization	Not a skin sensitizer.	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
Reproductive toxicity	Based on available data, the classification criteria are not met.	
Specific target organ toxicity - single exposure	Inhalation of dusts may cause respiratory irritation.	
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.	
Aspiration hazard	Not an aspiration hazard.	
Chronic effects	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.	
Further information	No other specific acute or chronic health impact noted.	

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results	
N-(n-butyl)-thiophosphoric triamide (CAS 94317-64-3)			
Aquatic			
Crustacea	EC50	Daphnia	290 mg/l, 48 hours
Fish	LC50	Fish	1140 mg/l, 96 hours
N-Methyl-2-pyrrolidone (CAS 872-50-4)			
Aquatic			
Crustacea	EC50	Daphnia magna	> 1000 mg/l, 24 hours
Urea (CAS 57-13-6)			
Aquatic			
Fish	LC50	Leuciscus idus	> 6810 mg/l, 96 hours
Persistence and degradability	No data available.		
Bioaccumulative potential	No data available.		
Partition coefficient n-octanol / water (log Kow)			
N-Methyl-2-pyrrolidone (CAS 872-50-4)	-0.54		
Urea (CAS 57-13-6)	-2.11		
Mobility in soil	This product is water soluble and may disperse in soil.		
Other adverse effects	No data available.		

13. Disposal considerations

Disposal instructions	Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.
Hazardous waste code	Not regulated.

Waste from residues / unused products

Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as a hazardous material by DOT.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

N-(n-butyl)-thiophosphoric triamide (CAS 94317-64-3) 1.0 % One-Time Export Notification only.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Food and Drug Administration (FDA) Not regulated.

US state regulations

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

N-Methyl-2-pyrrolidone (CAS 872-50-4)

US. New Jersey Worker and Community Right-to-Know Act

N-Methyl-2-pyrrolidone (CAS 872-50-4) 500 lbs

US. Pennsylvania RTK - Hazardous Substances

N-Methyl-2-pyrrolidone (CAS 872-50-4)

US. Rhode Island RTK

N-Methyl-2-pyrrolidone (CAS 872-50-4)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

N-Methyl-2-pyrrolidone (CAS 872-50-4)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

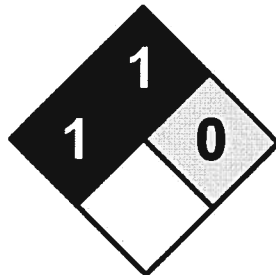
16. Other information, including date of preparation or last revision

Issue date 06-September-2013

Revision date -

Version # 01

NFPA Ratings



List of abbreviations LC50: Lethal Concentration, 50%.
LD50: Lethal Dose, 50%.

References IARC: International Agency for Research on Cancer.
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2009)
National Toxicology Program (NTP) Report on Carcinogens

Disclaimer NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet (SDS) and was prepared pursuant to Government regulation(s) that identify specific types of information to be provided. This SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. Additional information may be needed to evaluate other uses of the product, including use of the product in combination with any materials or in any processes other than those specifically referenced. Information provided herein with respect to any hazards that may be associated with the product is not meant to suggest that use of the product in a given application will necessarily result in any exposure or risk to workers or the general public. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product. Purchasers and users assume all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Purchasers and users of the product specifically should advise all of their employees, agents, contractors and customers who will use the product of this (M)SDS.



Material Safety Data Sheet

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Dicyandiamide 99.5% min.
MANUFACTURER: Ningxia Jiafeng Chemicals Co.,Ltd.
Changcheng zone, Hongguozi, Huinong
Dist., Shizuishan, Ningxia, China.
Tel: +86-952-7682302
Fax: +86-952-7681172

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number: 461-58-5
Chemical Dicyandiamide
Description: White Crystal
Purity: 99.5% min.
Chemical Name: Cyanoguanidine
Product Class: Superfine grade

SECTION 3 - HAZARDS IDENTIFICATION

PRODUCT SIGNAL WORD: Caution
PRODUCT HAZARDS: Nuisance Dust
CHRONIC EFFECTS: None
EYE: May cause eye irritation
INHALATION: Inhalation of dust particles will cause
respiratory irritation.
SKIN CONTACT: Possible skin irritant
INGESTION: May cause gastroenteritis
HMIS HAZARD RATING: HEALTH - 0 FLAMMABILITY - 1 REACTIVITY - 0
PERSONAL PROTECTION - C
NFPA HAZARD RATING: HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 0
CARCINOGENICITY: Not listed as an IARC, OSHA OR ACGIH potential
carcinogen
SPECIAL PRECAUTIONS IN Handle as appropriate for any potentially
hazardous chemical.



SECTION 4 - FIRST AID MEASURES

EYES: Flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention.

SKIN: Wash exposed skin with soap and water. Remove contaminated clothing and laundry before re-use, if irritation develops get medical attention.

INGESTION: Induce vomiting only if person is conscious. Obtain emergency medical help.

INHALATION: Remove to fresh air and get medical attention.

SECTION 5 - FIREFIGHTING MEASURES

FLAMMABILITY CLASSIFICATION: Not flammable

LOWER EXPLOSIVE LIMITS: N/A

FIRE & EXPLOSIVE HAZARDS: Will decompose only at high temperatures

FLASH POINT: N/A

EXTINGUISHING MEDIA: Carbon dioxide, foam, water

SPECIAL FIREFIGHTING: Use self-contained breathing apparatus and impervious turn out gear

PROCEDURES:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN THE EVENT OF A SPILL: Sweep up using sweeping compound to prevent the generation of airborne dust particles or vacuum with a filter type vacuum system.

WASTE DISPOSAL: Spilled material, unused contents and empty drums must be disposed of following federal, state and local regulations. Do not reuse drum unless it is professionally cleaned.

SECTION 7 - HANDLING AND STORAGE



HANDLING: Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Wash thoroughly after handling.

STORAGE: Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation. Do not store near heat or open flames.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use and store only with adequate ventilation or use respiratory protection.

RESPIRATORY: If dust is present, use a NIOSH/MSHA approved dust respirator.

EYE PROTECTION: If potential for spilling is present, dust resistant goggles or a full face shield should be worn.

SKIN PROTECTION: If potential for skin contact is present, impervious protection clothing should be worn.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY: N/A

SOLUBILITY IN WATER: Soluble

APPEARANCE: White crystal

FREEZING POINT: 410°F (210°C)

SPECIFIC GRAVITY: 1.4

ODOR: Slight

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable when dry. Will decompose in water above 176°F (80°C)

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: NO_x, Will produce ammonia if decomposing in contact with water

CONDITIONS TO AVOID: Open flame, high heat

INCOMPATIBILITY (Materials to Avoid): Oxidizing materials



SECTION 11 - TOXICOLOGICAL INFORMATION

LD50 ORAL: >10,000 mg/kg (rat)

SECTION 12 - ECOLOGICAL INFORMATION

No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Remove contaminated materials for disposal at
a
permitted facility using registered
transporters. Not
considered a hazardous waste.

SECTION 14 - TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION
49CFR172.101-102 CLASSIFICATION: Not Hazardous
DOT SHIPPING NAME: Not Regulated
(Dicyandiamide)

SECTION 15 - REGULATORY INFORMATION

LISTED INVENTORIES: TCSA on 40CFR710 Section 8b Chemical Substances
Inventory
Canadian Domestic Substances List
EINECS Number: 207-312-8
Philippines PICCS Listed
China SEPA Listed
Japan MITI Listed
Korea ECL Listed
Australia AICS Listed

SARA/TITLE III:

Section 311/312: None
Section 313 Listed None



Chemicals:

CERCLA: Not subject to any special reporting requirements

WHMIS: None

SECTION 16 - OTHER INFORMATION

The information contained above is given in good faith based on the best data available at this time. No warranty, expressed or implied is made. User assumes full responsibility for determining appropriate use and application of the product.



MATERIAL SAFETY DATA SHEET

KOCH FERTILIZER CANADA, ULC

1. Product and Company Identification

Material name AGROTAIN® Manufacturing Concentrate 43%
Version # 01
Issue date 25-June-2013
Revision date -
Supersedes date -
CAS # Mixture
MSDS Number KFC_AgroCon43_NA_EN
Product use Fertilizer Coating
Manufacturer information
Manufacturer/Supplier Koch Fertilizer Canada ULC
 1400 17th Street East
 Brandon, MB
 R7A 7C4, Canada
 204-729-2900

Emergency For Chemical Emergency
 Call CHEMTREC day or night
 USA/Canada - 1.800.424.9300
 Mexico - 1.800.681.9531
 Outside USA/Canada - 1.703.527.3887
 (collect calls accepted)

2. Hazards Identification

Physical state Liquid.
Appearance Clear, dark green liquid.
Emergency overview WARNING

Causes eye irritation. May cause skin and respiratory tract irritation. Possible reproductive hazard - contains material that may cause adverse reproductive effects.

OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

Routes of exposure Inhalation. Ingestion. Skin absorption.
Eyes Causes eye irritation.
Skin Irritating to skin.
Inhalation Irritating to respiratory system.
Ingestion Irritating to mouth, throat, and stomach.

Target organs Skin. Eyes. Inhalation

Chronic effects Can cause adverse reproductive effects - such as birth defects, miscarriages, or infertility. Pregnant women or women of child-bearing age should not be exposed to this product.

Signs and symptoms May cause severe irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system.

Potential environmental effects The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

3. Composition / Information on Ingredients

Components	CAS #	Percent
N-(n-butyl)-thiophosphoric triamide	94317-64-3	40 - 70
N-methyl-2-pyrrolidone	872-50-4	15 - 40
Propylene glycol	57-55-6	10 - 30

Components	CAS #	Percent
Non-hazardous reaction by-product	Proprietary	3 - 7

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. This Safety Data Sheet is not a guarantee of product specification or NPK value(s). NPK content is on specified sales orders, customer invoices, or product specification sheets obtained from supplier.

4. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin contact Immediately flush skin with plenty of water. Get medical attention if irritation develops and persists.

Inhalation Move person to fresh air. If the affected person is not breathing, apply artificial respiration. Get medical attention immediately.

Ingestion Rinse mouth thoroughly. Drink 1 or 2 glasses of water. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention.

Notes to physician Treat symptomatically. The effects might be delayed.

General advice Keep victim warm. Keep victim under observation. Show this safety data sheet to the doctor in attendance.

5. Fire Fighting Measures

Flammable properties The product is not flammable.

Extinguishing media

Suitable extinguishing media Water fog. Water spray. Carbon dioxide (CO₂). Foam.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Protection of firefighters

Specific hazards arising from the chemical Fire may produce irritating, corrosive and/or toxic gases.

Protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

Fire fighting equipment/instructions Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods Cool containers exposed to heat with water spray and remove container, if no risk is involved.

6. Accidental Release Measures

Personal precautions Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.

Methods for cleaning up Should not be released into the environment.

Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see Section 13 of the MSDS.

7. Handling and Storage

Handling

Avoid exposure - obtain special instructions before use. Do not breathe mist or vapor. Wear personal protective equipment. Do not use in areas without adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling. Do not empty into drains. Handle and open container with care. Use care in handling/storage. Wash before eating, drinking and/or smoking.

Storage

Avoid exposure - obtain special instructions before use. Store in a well-ventilated place. Store in original tightly closed container. Keep away from food, drink and animal feeding stuffs. Use care in handling/storage. Store in accordance with local/regional/national/international regulation. Keep out of reach of children. Long term storage at temperatures above 100°F (36°C), and long term storage of opened containers, will cause the product to degrade. As the product degrades, it can release harmful gases. Store below 100°F (36°C) and use opened containers within 30 days. Always use oldest stock first.

8. Exposure Controls / Personal Protection

Occupational exposure limits

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value
N-methyl-2-pyrrolidone (CAS 872-50-4)	TWA	400 mg/m3

Exposure guidelines Follow standard monitoring procedures.

US WEEL Guides: Skin designation

N-methyl-2-pyrrolidone (CAS 872-50-4) Can be absorbed through the skin.

Engineering controls Provide adequate general and local exhaust ventilation. Provide eyewash station.

Personal protective equipment

Eye / face protection Chemical goggles are recommended.

Skin protection Chemical resistant clothing is recommended. Routinely wash work clothing and protective equipment to remove contaminants. The use of neoprene gloves is recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Respiratory protection In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment. Wear respiratory protection during operations where spraying or misting occurs. Wear air supplied respiratory protection. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Wear air supplied respiratory protection if exposure concentrations are unknown.

9. Physical & Chemical Properties

Appearance	Clear, dark green liquid.
Physical state	Liquid.
Form	Liquid.
Color	Dark green.
Odor	Slight amine odor.
Odor threshold	Not available.
pH	7.7 - 8 in 10% solution
Vapor pressure	< 1 mm Hg @20°C
Vapor density	Not available.
Boiling point	> 395.6 °F (> 202 °C)
Melting point/Freezing point	-2 °C
Solubility (water)	Soluble.
Specific gravity	1.1 @ 25 °C
Flash point	> 212.0 °F (> 100.0 °C)
Flammability limits in air, upper, % by volume	Not Applicable.
Flammability limits in air, lower, % by volume	Not Applicable.
Auto-ignition temperature	Not available.

Molecular weight 167.21

Other data

Flammability Not Applicable.

Flammability (solid, gas) Not applicable.

10. Chemical Stability & Reactivity Information

Chemical stability Stable under normal temperature conditions.

Conditions to avoid Extreme temperatures.

Incompatible materials Acids. Strong reducing agents. Strong oxidizing agents.

Hazardous decomposition products During combustion: Carbon oxides. Nitrogen oxides. Sulfur oxides.

Possibility of hazardous reactions Hazardous polymerization does not occur.

11. Toxicological Information

Components	Species	Test Results
Toxicological data		
N-(n-butyl)-thiophosphoric triamide (CAS 94317-64-3)		
<i>Acute</i>		
NOAEL	Rat	445 mg/kg, 1 day
<i>Dermal</i>		
LD50	Rat	> 2000 mg/kg
<i>Oral</i>		
LD50	Rat	> 2823 mg/kg
N-methyl-2-pyrrolidone (CAS 872-50-4)		
<i>Acute</i>		
<i>Dermal</i>		
LD50	Rabbit	8000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5.1 mg/l
<i>Oral</i>		
LD50	Rat	3914 mg/kg
Propylene glycol (CAS 57-55-6)		
<i>Acute</i>		
<i>Oral</i>		
LD50	Rat	30 g/kg
Sensitization	Not classified as a sensitizer.	
Acute effects	May cause severe irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system.	
Local effects	May cause skin and respiratory tract irritation. Irritating to eyes. Risk of serious damage to eyes.	
Chronic effects	Prolonged exposure may cause chronic effects. May damage fertility or the unborn child.	
Carcinogenicity	Not classified.	
Epidemiology	No epidemiological data is available for this product.	
Mutagenicity	Not classified.	
Reproductive effects	Possible reproductive hazard.	
Teratogenicity	Avoid contact during pregnancy/while nursing.	
Symptoms and target organs	Contact may produce eye irritation with associated redness, swelling, tears and pain. May adversely affect the liver and kidney based on animal testing	
Further information	Symptoms may be delayed.	

12. Ecological Information

Ecotoxicological data

Components		Species	Test Results
N-(n-butyl)-thiophosphoric triamide (CAS 94317-64-3)			
Aquatic			
Crustacea	EC50	Daphnia	290 mg/l, 48 hours
	NOEL	Daphnia	150 mg/l
Fish	LC50	Fish	1140 mg/l, 96 hours
N-methyl-2-pyrrolidone (CAS 872-50-4)			
Aquatic			
Crustacea	EC50	Daphnia magna	> 1000 mg/l, 24 hours
Propylene glycol (CAS 57-55-6)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	710 mg/l, 96 hours
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.		
Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.		
Persistence and degradability	The product is not readily biodegradable.		
Bioaccumulation / Accumulation	No data available.		
Partition coefficient	Log Pow = 0.444		
	N-methyl-2-pyrrolidone (CAS 872-50-4)		-0.54
	Propylene glycol (CAS 57-55-6)		-0.92
Mobility in environmental media	The product is soluble in water.		

13. Disposal Considerations

Disposal instructions	Do not discharge into drains or water courses.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.

14. Transport Information

DOT

Not regulated as a hazardous material by DOT.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

TDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

N-(n-butyl)-thiophosphoric triamide (CAS 94317-64-3) 1.0 % One-Time Export Notification only.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

N-methyl-2-pyrrolidone (CAS 872-50-4) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

N-methyl-2-pyrrolidone (CAS 872-50-4) Listed.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A) No

SARA 311/312 Hazardous chemical Yes

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) Not controlled

Canadian regulations This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status Controlled

WHMIS classification D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC

WHMIS labeling



State regulations WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

N-methyl-2-pyrrolidone (CAS 872-50-4) Listed.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

N-methyl-2-pyrrolidone (CAS 872-50-4) Listed: June 15, 2001 Developmental toxin.

US - New Jersey RTK - Substances: Listed substance

N-methyl-2-pyrrolidone (CAS 872-50-4) Listed.

US. Massachusetts RTK - Substance List

N-methyl-2-pyrrolidone (CAS 872-50-4) Listed.

US. New Jersey Worker and Community Right-to-Know Act

N-methyl-2-pyrrolidone (CAS 872-50-4) 500 lbs

US. Pennsylvania RTK - Hazardous Substances

N-methyl-2-pyrrolidone (CAS 872-50-4) Listed.

Mexico regulations This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

16. Other Information

Recommended restrictions Use in accordance with supplier's recommendations.

Further Information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings Health: 2*
Flammability: 1
Physical hazard: 0

NFPA ratings Health: 2
Flammability: 1
Instability: 0

Disclaimer

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet (SDS) and was prepared pursuant to Government regulation(s) that identify specific types of information to be provided. This SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. Additional information may be needed to evaluate other uses of the product, including use of the product in combination with any materials or in any processes other than those specifically referenced. Information provided herein with respect to any hazards that may be associated with the product is not meant to suggest that use of the product in a given application will necessarily result in any exposure or risk to workers or the general public. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product. Purchasers and users assume all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Purchasers and users of the product specifically should advise all of their employees, agents, contractors and customers who will use the product of this (M)SDS.



Material Safety Data Sheet



DOT Not regulated

HMIS Graphic

Health Hazard	1
Physical Hazard	1
Reactivity	0

Revision Date 10-Apr-2013

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name AGROTAIN BLUE PG
Product Code 01791
Recommended Use Color Additive

Contact Manufacturer
Sensient Colors LLC
2526 Baldwin Street
St. Louis, MO 63106-1949
Telephone: 314 889-7600
Fax: 314 286-7160

Emergency Telephone Number Chemtrec 1-800-424-9300 Emergency Phone Number (24 hours)
Outside US: 1-703-527-3887
Chemtrec Administrative Office Telephone Number 1-800-262-8200

2. HAZARDS IDENTIFICATION

Emergency Overview

Based upon information available, this product does not contain substances that in the liquid state and at the given concentration present significant health hazards

Color Not available

Physical State Liquid

Odor Not available

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects
Principle Routes of Exposure

Eye contact, Skin contact

Acute Effects

Eyes

Skin

Inhalation

Ingestion

May cause irritation.

Substance may cause slight skin irritation in sensitive individuals.

None reported or known to exist for the product. Avoid breathing vapors or mists.

May be harmful if swallowed.

Chronic Effects

Repeated contact may cause allergic reactions in very susceptible persons.

Aggravated Medical Conditions

No information available.

Interactions with Other Chemicals

No information available.

Potential Environmental Effects

There is no known ecological information for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name	CAS-No	Weight %
PROPYLENE GLYCOL	57-55-6	60-70

Non-Hazardous Components

Chemical Name	CAS-No	Weight %
BRILLIANT BLUE FCF	3844-45-9	PROPRIETARY

4. FIRST AID MEASURES

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if continued irritation is noted.

Skin Contact

To reduce coloration of the skin, wash off immediately with soap and plenty of water removing all contaminated clothes and shoes to avoid coloration of the skin.

Inhalation

Move to fresh air. If breathing is difficult provide oxygen.

Ingestion

If the individual is conscious, clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary.

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammability	Non-Flammable
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Not available.
Hazardous Combustion Products	As long as the material is not altered, it is non-combustible. If the liquid boils off, combustion products of the material would include carbon dioxide and carbon monoxide. Material is non-combustible.
Explosion Data	
Sensitivity to static discharge	Material is not sensitive to static discharge.
Sensitivity to mechanical impact	Material is not sensitive to mechanical impact.
Specific Hazards Arising from the Chemical	
Protective Equipment and Precautions for Firefighters	Use self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation. Avoid contact with the eyes to prevent irritation. Barriers and protective equipment for the skin may be used to avoid discoloration.
Environmental Precautions	Prevent further leakage or spillage if safe to do so.
Methods for Containment	Contain spill with inert absorbent material such as sand, paper, cloth, silica gel, universal binder, sawdusts, or commercially available chemically absorbent socks.
Methods for Clean-up	Dam up. Soak up with inert absorbent material. Sweep or vacuum. Collect in a suitable container. Water or other cleanser may be used to facilitate clean up of buildings or equipment. Note: water contacting the product will be colored and should be disposed off in accordance with local requirements.
Other Information	Not applicable

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice to minimize splashing. Wear personal protective equipment.
Storage	Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	Ontario	Mexico	NIOSH IDLH
PROPYLENE GLYCOL			TWAEV: 10 mg/m ³ TWAEV: 155 mg/m ³ TWAEV: 50 ppm		

Engineering Measures	Local exhaust ventilation may be necessary to control air contaminants during the use of this product.
Personal Protective Equipment	
Eye/face Protection	Safety glasses with side-shields.
Skin Protection	Long sleeved clothing.
Respiratory Protection	No special protective equipment required under conditions of normal use.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	None under normal use. Material is non-combustible.
Possibility of Hazardous Reactions	None under normal processing.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
US EPA Waste Number	Not available

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories**Non-Hazardous Components**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
BRILLIANT BLUE FCF	X	X	-	X	-	X	X	X	X	X

USAFederal Regulations**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

State Right-to-Know

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
PROPYLENE GLYCOL		X	X		X
BRILLIANT BLUE FCF	X				

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Chemical Name	Canada - WHMIS - Classifications of Substances
PROPYLENE GLYCOL	Uncontrolled product according to WHMIS classification criteria

16. OTHER INFORMATION

Revision Date 10-Apr-2013

Revision Summary Not available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS