



Wyoming Pollutant Discharge Elimination System (WYPDES)

Department of Environmental Quality
Application for Permit to Discharge Wastewater for:

Non-process wastewater, Form H

Revised June 12, 2013

Official Use only
Date Received:

RECEIVED

SEP 29 2014

WATER QUALITY DIVISION
WYOMING

- Checklist of requirements: Please print or type. Submission of illegible materials will result in return of application to the applicant. All items must be completed accurately and in their entirety or the application will be deemed incomplete and the processing will be delayed or application returned. An original signature of the applicant is required. Faxes cannot be accepted.

1. Check the box corresponding to the type of application being applied for:

- Renewal (checked)
New
Major modification

Permit number WY0000027 Expiration Date: 3-31-15

2. Describe the general type of waste to be discharged, including sanitary wastes and non-contact cooling waste.

SEE ATTACHED SHEET (BACKGROUND)

3. General Facility Location: Township(s) 18 NORTH Range(s) 107 WEST

4. Facility street address if applicable: 3 TELEPHONE CANYON ROAD

5. Receiving Waters GREEN RIVER

6. Name of the facility producing the discharge GREEN RIVER/ROCK SPRINGS JPWB

7. Standard Industrial Classification code (SIC Code) and description: 4940

8. Permittee and Consultant (if applicable) Contact Information:

Table with 2 columns: Permittee Contact Name, Consultant Contact Name. Rows include Company Name (GREEN RIVER/ROCK SPRINGS JPWB), Mailing Address (P.O. Box 1299), City, State, and Zip Code (GREEN RIVER WY 82935), Telephone Number (307-870-4328), E-Mail Address (ATOONE@JPWB.ORG), and Preference for contact (ANY).

Handwritten note: @/Q dirt match database with an arrow pointing to the facility location information.

9. Status of applicant: Federal State private public Other _____

10. Status of applicant (check more than one): Owner Operator

11. Please include a brief description of the nature of the business conducted at this facility and principal products or services provided by the facility.

POTABLE WATER TREATMENT
PLANT FOR THE GREEN RIVER & ROCK
SPRINGS AREA.

12. Describe modification or renewal requests:

RENEWAL OF EXISTING 3 OUTFALLS

13. Operational History: Date of operation or for new facilities the date of expected commencement of discharge.

-0-

14. Are any cooling water additives used or expected to be used upon commencement of operations?
If so, attach MSDS sheet for each additive.

YES NO

15. Landowner or lessee's contact information:

Landowner #1 Name GREEN RIVER/ROCK SPRINGS J PWB	Landowner #2 Name
Mailing Address P.O. Box 1299	Mailing Address
City, State, and Zip Code GREEN RIVER NY 82935	City, State, and Zip Code

(additional spaces may be added as necessary)

16. Outfall location: Complete the attached **Table 1**.

17. Outfall Characterization: Complete the attached **Table 2**.

18. For applications for existing facilities, has the facility ever exceeded permit limits or water quality standards?

YES NO Never discharged or not constructed

If yes,

- a. Which constituents?
- b. Has the exceedance been addressed?
- c. Describe how the exceedance was addressed.

19. Is discharge (check one):

Continuous
 No Discharge
 Intermittent and/or seasonal

If intermittent and/or seasonal, provide:

- a. Number of times per year the discharge is to occur _____
- b. Anticipated duration of each discharge _____
- c. Anticipated flow of each discharge _____
- d. Months in which discharge is expected to occur _____

20. Facility map: Attach a description and a clear, legible, detailed topographic map extending one mile beyond the property boundaries of the facility. Include the following:

- a. A legend
- b. Intake structures
- c. Well locations where fluids from the facility are injected underground
- d. Retention ponds
- e. Hazardous waste treatment, storage, or disposal facilities
- f. Discharge points (outfalls)
- g. Immediate receiving streams
- h. Water quality monitoring stations
- i. Wells, springs, other surface water bodies, drinking water wells, and surface water intake structures listed in public records, or otherwise known to the applicant in the map area.
- j. Section, Township, and Range information

21. Describe the control measures that will be implemented to prevent significant damage to or erosion of the receiving water channel at the outfall(s) _____

22. Treatment system: Describe briefly any treatment system(s) used or to be used.

23. For each outfall, fill out the attached "Outfall Specific Information" on page 7.

24. Other information: Any optional information the permittee wishes to have considered:

TABLE 1: Outfall Location Information

Desired Changes (modifications and renewals only)	Discharge Point (Outfall) #	Immediate Receiving Stream	Mainstem (closest perennial water)	Stream Distance from outfalls to mainstem (miles)	Quarter/Quarter	Section	Township	Range	Latitude (NAD 83, decimal degrees accurate to a minimum of 5 decimal places)	Longitude (NAD 83, decimal degrees accurate to a minimum of 5 decimal places)	County
	001										
RENEWAL	002		GREEN RIVER	.5							SWEET WATER
↓	003		↓	.75							
	004		↓	.5							
	005		↓	.5							↓

Additional spaces/pages may be added if necessary. Use the format provided. Please use North American Datum 1983 (NAD 83) when reporting latitudes and longitudes.

WY0000027-RENEWAL-6-24-09
WTP

**Table 1, Outfalls
WY0000027
Green River-Rock Springs Water Plant**

TABLE 1							
Outfall	Qtr/Qtr	Section	Township-North	Range-West	Latitude	Longitude	Receiving Water
002*	SWNW	22	18	107	41.52559	-109.47681	Green River (class 2AB), via an on site conveyance ditch, Green River basin.
003*	SEnw	22	18	107	41.52603	-109.48235	Green River (class 2AB), via an on site conveyance ditch, Green River basin.
004*	SWNW	22	18	107	41.52610	-109.47716	Green River (class 2AB), via an on site conveyance ditch, Green River basin.
005*	SWNW	22	18	107	41.52610	-109.47716	Green River (class 2AB), via an on site conveyance ditch, Green River basin.

*Asterisk denotes outfalls for which WDEQ has field-verified the Latitude and Longitude locations. These are considered to be the most accurate location data available for these outfalls, and will supersede Latitude and Longitude values presented in the application.

Table 2: Effluent Characteristics per outfall

A. Existing Sources-Provide measurements for the parameters listed in the left-hand column below.
B. New Dischargers- Provide estimates for the parameters listed in left-hand column below. Instead of the number of measurements taken, provide the source of the estimated values.

Outfall # <u>02</u>	Maximum Daily Value		Average monthly value		Number of Measurements taken (last year)	Source of Estimate (if new discharger)	
	Mass	Concentration	Mass	Concentration			
Biochemical Oxygen Demand (BOD ₅)					- 0 -		
Total Suspended Solids (TSS)					NO) DISCHARGE		
E. coli (if believed present or if sanitary waste is discharged)							
Oil and grease					↓		
Total Residual Chlorine (if chlorine is used)							
**Total Organic Carbon (TOC)							
**Chemical Oxygen Demand (COD)							
Ammonia (as N)							
Flow, discharge, MGD							
pH (range) S.U.	Max	Min	Max	Min			
Temperature (Winter) °C							
Temperature (Summer) °C							

All samples must be taken in accordance to 40 CFR Part 136 and must be taken as grab samples. The pollutant levels must be reported as concentration and as total mass (except for discharge flow, pH, E.coli, and temperature). Total mass is the total weight of pollutants discharged over a day. Use the following abbreviations for units:

Concentration

ppm parts per million
 mg/L milligrams per liter
 ppb parts per billion
 µg/L microgram per liter
 kg kilogram

Mass

lbs pounds
 ton tons (English tons)
 mg milligrams
 g grams
 T tones (metric tons)

***If noncontact cooling water is discharged*

Table 2: Effluent Characteristics per outfall

- A. Existing Sources-**Provide measurements for the parameters listed in the left-hand column below.
B. New Dischargers- Provide estimates for the parameters listed in left-hand column below. Instead of the number of measurements taken, provide the source of the estimated values.

Outfall # <u>03</u>	Maximum Daily Value		Average monthly value		Number of Measurements taken (last year)	Source of Estimate (if new discharger)
	Mass	Concentration	Mass	Concentration		
Biochemical Oxygen Demand (BOD ₅)					-0-	
Total Suspended Solids (TSS)					NO DISCHARGE	
E. coli (if believed present or if sanitary waste is discharged)						
Oil and grease						
Total Residual Chlorine (if chlorine is used)						
**Total Organic Carbon (TOC)						
**Chemical Oxygen Demand (COD)						
Ammonia (as N)						
Flow, discharge, MGD						
pH (range) S.U.	Max	Min	Max	Min		
Temperature (Winter) °C						
Temperature (Summer) °C						

*All samples must be taken in accordance to 40 CFR Part 136 and must be taken as grab samples. The pollutant levels must be reported as concentration and as total mass (except for discharge flow, pH, E.coli, and temperature). Total mass is the total weight of pollutants discharged over a day. Use the following abbreviations for units:

Concentration

ppm parts per million
 mg/L milligrams per liter
 ppb parts per billion
 µg/L microgram per liter
 kg kilogram

Mass

lbs pounds
 ton tons (English tons)
 mg milligrams
 g grams
 T tones (metric tons)

**If noncontact cooling water is discharged

Table 2: Effluent Characteristics per outfall

A. Existing Sources-Provide measurements for the parameters listed in the left-hand column below.
B. New Dischargers- Provide estimates for the parameters listed in left-hand column below. Instead of the number of measurements taken, provide the source of the estimated values.

Outfall # <u>04</u>	Maximum Daily Value		Average monthly value		Number of Measurements taken (last year)	Source of Estimate (if new discharger)
	Mass	Concentration	Mass	Concentration		
Biochemical Oxygen Demand (BOD ₅)					- 0 -	
Total Suspended Solids (TSS)					NO DISCHARGE	
E. coli (if believed present or if sanitary waste is discharged)						
Oil and grease						
Total Residual Chlorine (if chlorine is used)						
**Total Organic Carbon (TOC)						
**Chemical Oxygen Demand (COD)						
Ammonia (as N)						
Flow, discharge, MGD						
pH (range) S.U.	Max	Min	Max	Min		
Temperature (Winter) °C						
Temperature (Summer) °C						

*All samples must be taken in accordance to 40 CFR Part 136 and must be taken as grab samples. The pollutant levels must be reported as concentration and as total mass (except for discharge flow, pH, E.coli, and temperature). Total mass is the total weight of pollutants discharged over a day. Use the following abbreviations for units:

Concentration		Mass	
ppm	parts per million	lbs	pounds
mg/L	milligrams per liter	ton	tons (English tons)
ppb	parts per billion	mg	milligrams
µg/L	microgram per liter	g	grams
kg	kilogram	T	tones (metric tons)

**If noncontact cooling water is discharged

Table 2: Effluent Characteristics per outfall

- A. Existing Sources-**Provide measurements for the parameters listed in the left-hand column below.
B. New Dischargers- Provide estimates for the parameters listed in left-hand column below. Instead of the number of measurements taken, provide the source of the estimated values.

Outfall # <u>05</u>	Maximum Daily Value		Average monthly value		Number of Measurements taken (last year)	Source of Estimate (if new discharger)
	Mass	Concentration	Mass	Concentration		
Biochemical Oxygen Demand (BOD ₅)					- 0 -	
Total Suspended Solids (TSS)					NO DISCHARGE	
E. coli (if believed present or if sanitary waste is discharged)						
Oil and grease						
Total Residual Chlorine (if chlorine is used)						
**Total Organic Carbon (TOC)						
**Chemical Oxygen Demand (COD)						
Ammonia (as N)						
Flow, discharge, MGD						
pH (range) S.U.	Max	Min	Max	Min		
Temperature (Winter) °C						
Temperature (Summer) °C						

*All samples must be taken in accordance to 40 CFR Part 136 and must be taken as grab samples. The pollutant levels must be reported as concentration and as total mass (except for discharge flow, pH, E.coli, and temperature). Total mass is the total weight of pollutants discharged over a day. Use the following abbreviations for units:

Concentration

ppm parts per million
 mg/L milligrams per liter
 ppb parts per billion
 µg/L microgram per liter
 kg kilogram

Mass

lbs pounds
 ton tons (English tons)
 mg milligrams
 g grams
 T tones (metric tons)

**If noncontact cooling water is discharged

Outfall Specific Information:

Outfall # _____

For each outfall, please check the process descriptions that apply to that outfall. Use additional pages for each outfall.

1. System Information:

- One-pass, non-contact cooling water system (provide a flow estimate): _____
- Recirculated, non-contact cooling water system (provide a flow estimate): _____
- Closed, non-contact system
- Open, non-contact system
- Open, contact system
- N/A

If "Open, contact system", option was selected, please describe a description of all areas of the cooling system that are open or where cooling water contact products or process materials.

2. If cooling water is recirculated, which types of heat exchangers are present?

- Closed-loop heat exchanger
- Evaporative cooling tower
- Other (please provide a description): _____
- N/A

3. Are there any ammonia refrigeration or cooling systems that use this cooling water?

- YES NO N/A

a. If yes, attach a description of the heat exchange system including ammonia leak detection and prevention measures.

4. Water Source Information:

- City Supply (specify the source): _____
- Well Supply (specify the source): _____
- Surface water (specify the source): GREEN RIVER
- Other (specify the source): _____

5. Chlorination and chemical additives used:

a. Is the water discharged chlorinated? YES NO

b. Are there any other chemicals added? YES NO

i. If yes, identify and attach the MSDS information _____

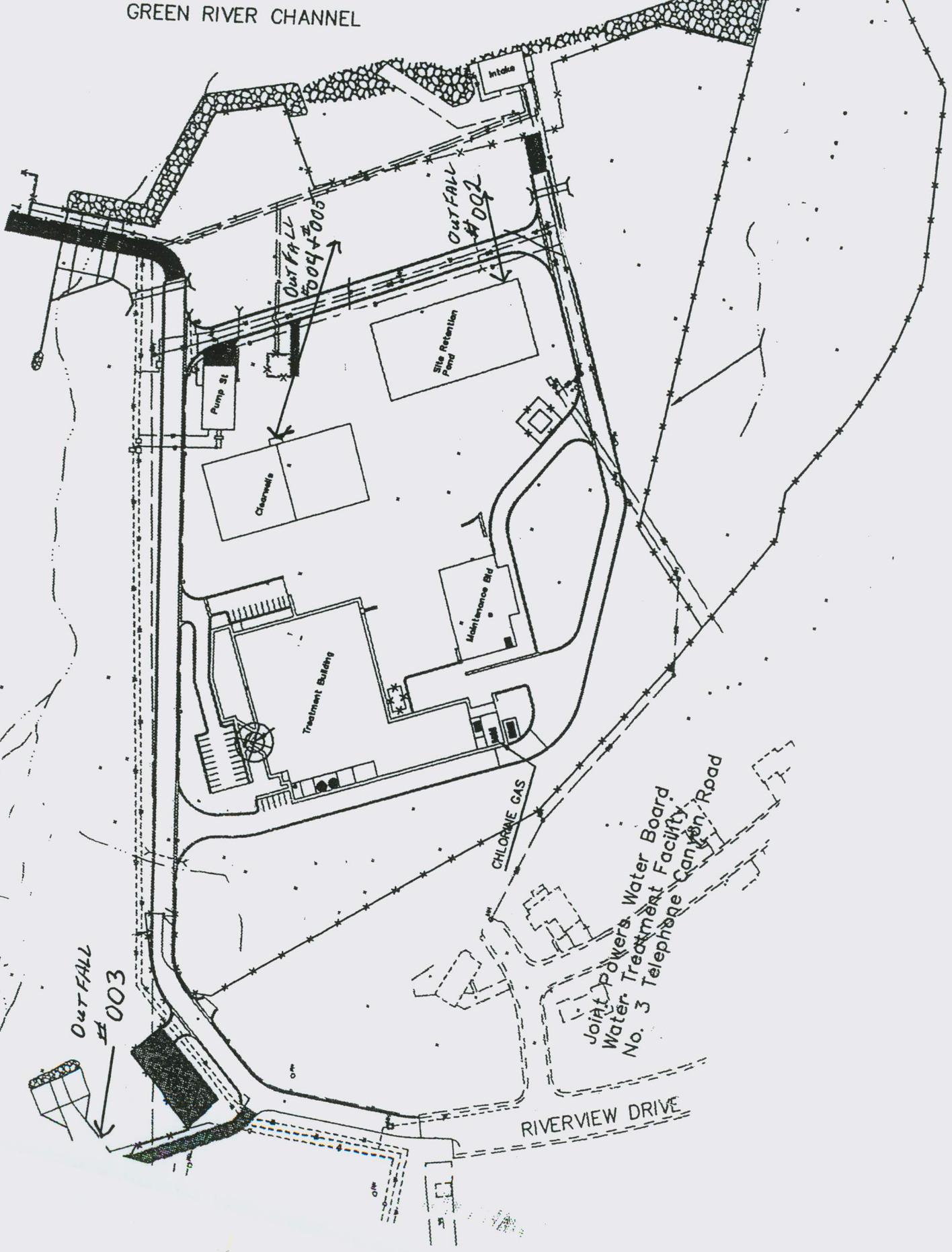
6. Other Sources that may contribute to the discharge:

- Floor drains
- Air compressor tank and/or air line condensation
- Boiler Blowdown
- Softener or other water treatment discharges
- Air emission scrubbers
- Condensate (Specify source): _____
- Other (Specify source): _____

a. If any of these above sources are present, please provide adequate detail in attachments.

- i. Information on the pollutant potential
- ii. Discharge flow rates
- iii. Process description
- iv. Identity of any chemical additives
- v. MSDS sheets for those additives
- vi. Measures taken to control pollutant discharges

GREEN RIVER CHANNEL





The Chemical Company

Safety Data Sheet

MAGNAFLOC® LT22S

Revision date : 2010/04/29
Version: 1.0

Page: 1/7
(30470895/SDS_GEN_US/EN)

1. Product and Company Identification

Use: flocculation agent

Company
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

2. Hazards Identification

Emergency overview

CAUTION:
Causes eye irritation.
Eye contact may cause slight irritation and/or redness.
May cause slight skin irritation, especially with repeated or prolonged exposure.
Inhalation of dust may cause respiratory irritation.
Caution - Slippery when wet!
Refer to MSDS Section 7 for Dust Explosion information.

State of matter: solid
Colour: cream
Odour: odourless

Potential health effects

Primary routes of exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Sensitization:

No data available concerning sensitizing effects.

Chronic toxicity:

Carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity: No data for product. No effects anticipated

Teratogenicity: No data available concerning teratogenic effects. (CIBA) No effects anticipated.

Safety Data Sheet

MAGNAFLOC® LT22S

Revision date : 2010/04/29
Version: 1.0

Page: 2/7
(30470895/SDS_GEN_US/EN)

Genotoxicity: The chemical structure does not suggest a mutagenic effect.

3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
124-04-9	3.0 - 6.0 %	adipic acid
69418-26-4	85.0 - 90.0 %	Ethanaminium, N,N,N-trimethyl-2-[(1-oxo-2-propenyl)oxy]-, chloride, polymer with 2-propenamamide

4. First-Aid Measures

If inhaled:

Fresh air. If not breathing, give artificial respiration. If necessary, give oxygen. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If on skin:

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention. Wash contaminated clothing before reuse.

If in eyes:

Immediately flush the eye(s) with lukewarm, gently flowing water for 15 minutes or until the chemical is removed. Get immediate medical attention if irritation persists.

If swallowed:

Do not induce vomiting due to aspiration hazard. If vomiting occurs, keep head lower than hips to prevent aspiration. Obtain medical attention.

5. Fire-Fighting Measures

Flash point: not applicable

Suitable extinguishing media:
carbon dioxide, dry powder, foam

Additional information:
If water is used, restrict pedestrian and vehicular traffic in areas where slip hazard may exist.

Hazards during fire-fighting:
carbon oxides, nitrogen oxides

The product is slippery when wet. Restrict pedestrian and vehicular traffic in areas where slip hazard may exist.

Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition.

Protective equipment for fire-fighting:
Wear self-contained breathing apparatus and chemical-protective clothing.

Safety Data Sheet

MAGNAFLOC® LT22S

Revision date : 2010/04/29
Version: 1.0

Page: 3/7
(30470895/SDS_GEN_US/EN)

6. Accidental release measures

Cleanup:

Place into suitable container for disposal. Avoid raising dust. Wear suitable protective equipment. Avoid release to the environment.

7. Handling and Storage

Handling

General advice:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin, eyes and clothing. Use only in well-ventilated areas.

Protection against fire and explosion:

Avoid creating dusty conditions. Risk of explosion if an air-dust mixture forms.

Storage

General advice:

Keep container tightly closed and dry; store in a cool place.

8. Exposure Controls and Personal Protection

Components with workplace control parameters

adipic acid

ACGIH TWA value 5 mg/m³ ;

Advice on system design:

Work in well ventilated areas. Do not breathe dust. Ensure good ventilation and local exhaust.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) respirator as necessary.

Eye protection:

Wear safety goggles (chemical goggles) if there is potential for airborne dust exposures.

Body protection:

Wear chemical resistant gloves and protective clothing.

General safety and hygiene measures:

Eye wash fountains and safety showers must be easily accessible. Select additional protective equipment based upon potential for exposure.

9. Physical and Chemical Properties

Form:	powder	
Odour:	odourless	
Colour:	cream	
pH value:	approx. 3.3	(1 %(m)) solution
Melting point:		not applicable
Bulk density:	750 kg/m ³	
Partitioning coefficient n-octanol/water (log Pow):		not applicable
% volatiles:		not applicable

Safety Data Sheet

MAGNAFLOC® LT22S

Revision date : 2010/04/29
Version: 1.0

Page: 4/7
(30470895/SDS_GEN_US/EN)

Solubility in water:

Forms a viscous solution.

10. Stability and Reactivity

Conditions to avoid:

Avoid electro-static discharge.:

Substances to avoid:

strong oxidizing agents, (CIBA) (may degrade polymer)

Hazardous reactions:

(CIBA) Product has a high minimum ignition energy; however, dust may be ignited under some conditions.
Stable under normal conditions.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No data available.

Oxidizing properties:

not applicable

11. Toxicological information

Acute toxicity

Oral:

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

The product has not been tested. The statement has been derived from products of a similar structure and composition.

Inhalation:

No data available.

Dermal:

No data available concerning acute toxicity.

Irritation / corrosion

Information on: adipic acid

Assessment of irritating effects:

Not irritating to the skin. May cause severe damage to the eyes. Causes temporary irritation of the respiratory tract.

Sensitization:

The product has not been tested. The statement has been derived from products of a similar structure and composition.

Repeated dose toxicity

Experimental/calculated data:

No data available concerning repeated dose toxicity.

Safety Data Sheet

MAGNAFLOC® LT22S

Revision date : 2010/04/29
Version: 1.0

Page: 5/7
(30470895/SDS_GEN_US/EN)

No data available concerning repeated dose toxicity.

No data available concerning repeated dose toxicity.

Other Information:

not determined
not determined
not determined

12. Ecological Information

Fish

Acute:
LC50 (96 h): 1 - 10 mg/l
Menidia beryllina/LC50 (96 h): 3,000 mg/l
Oncorhynchus mykiss/LC50 (96 h): 18 mg/l
(under static-renewal conditions in the presence of humic acid)

Aquatic invertebrates

Acute:
EC50 (48 h): 10 - 100 mg/l

Daphnia magna/LC50 (48 h): 2,800 mg/l
(under static-renewal conditions in the presence of humic acid)

Mysid shrimp/LC50 (96 h): 200 mg/l

Aquatic plants

Toxicity to aquatic plants:
EC50 (72 h): 1 - 10 mg/l

Degradability / Persistence Biological / Abiological Degradation

Evaluation: Not readily biodegradable (by OECD criteria).

Other adverse effects:

13. Disposal considerations

Waste disposal of substance:
Dispose of in accordance with national, state and local regulations.

RCRA:
Not a hazardous waste under RCRA (40 CFR 261).

14. Transport Information

Land transport
USDOT

Not classified as a dangerous good under transport regulations

Safety Data Sheet

MAGNAFLOC® LT22S

Revision date : 2010/04/29
Version: 1.0

Page: 6/7
(30470895/SDS_GEN_US/EN)

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

VOC content:

not applicable

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

OSHA hazard category: This material is classified as hazardous under OSHA regulations.;

EPCRA 311/312 (Hazard categories): Acute;

State regulations

State RTK
MA, NJ, PA

CAS Number
124-04-9

Chemical name
adipic acid

CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

16. Other Information

NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 0 Special: -

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

Safety Data Sheet

MAGNAFLOC® LT22S

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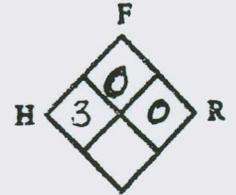
Page: 7/7
(30470895/SDS_GEN_US/EN)

MSDS Prepared by:
BASF NA Product Regulations
msds@basf.com
MSDS Prepared on: 2010/04/29

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Due to the merger of CIBA and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us at the address mentioned in Section I.

END OF DATA SHEET



MATERIAL SAFETY DATA SHEET

MSDS Date: Sept. 15, 1993
Emergency Contact: 1-800-424-9300

SECTION I

PRODUCT NAME: Chlorine
FORMULA: Cl₂

DOT SHIPPING INFORMATION: Chlorine, 2.3, UN 1017; Hazard Zone B;
Poison - Inhalation Hazard RQ = 10 lbs

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS MATERIAL	CAS NUMBER	%	EXPOSURE LIMITS IN AIR
Chlorine	7782-50-5	-	PEL = 0.5 ppm (TWA); 1.0 ppm (STEL) TLV = 1.0 ppm (TWA); 3.0 ppm (STEL)

Chlorine is subject to the reporting requirements of EPCRA Section 313 (40 CFR Part 372)

SECTION III - HEALTH HAZARD DATA

NFPA HAZARDOUS RATING: Health = 3 Flammability = 0 Reactivity = 0

Carcinogenic Listing: NTP IARC MONOGRAPHS OSHA 29 CFR 1910
| |yes |X|no | |yes |X|no | |yes |X|no

ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:

Contact: SKIN: Liquid can cause local irritation and burns. Gas can cause irritation, burning and blisters.
EYES: Liquid is severely irritating to eyes. Gas levels of greater than 1 ppm, will produce redness, tearing and irritation.

Ingestion: Unlikely route of exposure since chlorine is a gas at room temperature. Liquid will burn mouth, esophagus and stomach.

Inhalation: Chlorine is irritating to the nose, throat and respiratory tract. Symptoms of over-exposure can include coughing (minor to intense), shortness of breath, chest pain, nausea, vomiting, and dizziness. Pulmonary edema and chemical pneumonia can develop hours after exposure. High concentrations, above 25 ppm, may cause unconsciousness and death.

THATCHER COMPANY OF NEVADA
P.O. Box 549
Carlin, Nevada 89822
(702) 754-6335
FAX 702-754-6167

THATCHER COMPANY OF MONTANA
3200 Raser Drive
Missoula, Montana 59801
(406) 721-3479
FAX 406-721-3489

THATCHER COMPANY OF NEW YORK
4135 Rt. 104 (P.O. Box 118)
Williamson, New York 14589 (14589)
(315) 589-9330
FAX 315-589-9835

THATCHER COMPANY / LAS VEGAS DIV
7300 Lake Mead Drive
Henderson, NV 89015
(702) 564-7622
FAX 702-564-2818

121 Hilltop Road
Billings, Montana 59105
(406) 259-0456

MATERIAL SAFETY DATA SHEET
PAGE 3

PRODUCT NAME: Chlorine

SECTION V - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Canister (acid-gas type) for low concentrations; self-contained breathing apparatus for emergencies.

VENTILATION:

Local exhaust: Provide local exhaust as needed to meet exposure limits. **General:** Provide general ventilation in processing and storage areas as needed to meet exposure limits. **Special:** Provide suitable venting for low-lying areas. **Other:** Self-contained breathing equipment (SCBA) must be available for emergency and non-routine situations.

EYE PROTECTION:

Chemical safety goggles.

SKIN PROTECTION:

Impervious gloves during normal operations.

OTHER PROTECTIVE EQUIPMENT:

Full protective equipment to prevent exposure to liquid or gas. Heavy leather shoes during normal operations. Eye wash stations and safety showers must be available.

SECTION VI - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

Avoid skin contact and breathing of gas. Store chlorine containers in a well-ventilated area, away from incompatible materials and away from sources of heat or ignition. Store in a cool, dry area. Provide special training to workers handling chlorine. Keep piping clean and dry. Liquid chlorine lines must have suitable expansion chambers between block valves due to high coefficient of expansion. Establish written emergency plan and special training where chlorine is used. Regularly inspect and test piping and containers used for chlorine service. Liquid levels should be less than 85% of tank or cylinder capacity.

SECTION VII - PHYSICAL DATA

BOILING POINT: -34.6 C at 1 atm	SPECIFIC GRAVITY: 1.067 at OC
VAPOR PRESSURE (mm Hg): 4910 at 20 C	% VOLATILE, BY VOLUME: 100 %
VAPOR DENSITY (mm Hg): 2.49 at OC 1 atm	EVAPORATION RATE: Not avail
SOLUBILITY IN WATER: (% by Weight) 0.78 at 20 OC, 1 atm	
APPEARANCE AND ODOR: Greenish-yellow gas, or clear amber colored liquid with a pungent, irritating odor.	

MATERIAL SAFETY DATA SHEET
PAGE 4

PRODUCT NAME: Chlorine

SECTION VIII - REACTIVITY DATA

STABILITY:

Stable | | Unstable

HAZARDOUS POLYMERIZATION:

Will not occur | | Will occur

CONDITIONS OR MATERIALS TO AVOID:

Intense local heat (above 215 C). Avoid spraying water on chlorine leaks in steel vessels. Avoid contact with reducing agents and combustible materials. Avoid toxic and corrosive materials. Wet chlorine (150 ppm water) corrosively attacks most common metals. Handling chlorine requires special materials technology.

HAZARDOUS DECOMPOSITION PRODUCTS:

Chlorine is a chemical element and cannot decompose, but will react with water to produce hydrochloric and hydrochlorous acid. Chlorine will also combine with CO and SO₂ to form phosgene and sulfuryl chloride, respectively.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:

Notify safety personnel. Evacuate area, moving unprotected personnel upwind or crosswind out of danger area. Wear one-piece, total encapsulating suit of Butyl coated nylon or equivalent, with self-contained breathing apparatus. Isolate leak to whatever extent possible. If a chlorine container is leaking, try to position it so that gas rather than liquid leaks; apply emergency kit device if possible. For other than minor leaks, immediately implement pre-determined emergency plan. Spills of chlorine of 10 or more pounds must be reported.

WASTE DISPOSAL METHOD:

Bubble through a large volume of 15% aqueous NaOH or other alkali. Suitably dispose of resulting solution following local, state and federal regulations.

ACGIH = American Conference of Governmental Industrial Hygienists
IARC = International Agency for Research on Cancer: Monographs
OSHA = Occupational Safety and Health Administration
N/A = Not Applicable
NTP = National Toxicology Program: Annual Report on Carcinogens
PEL = Permissible Exposure Level (OSHA)
TLV = Threshold Limit Value (ACGIH)
TWA = Time Weighted Average over 8 Hours

This information is, to the best of our knowledge, accurate but may not be complete. THATCHER COMPANY furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.



MIDLAND RESOURCES, INC.
3211 Clinton Parkway Court, Suite 1
Lawrence, KS 66047
Phone No. 785-842-7424

Emergency Phone No. 314-241-3951
CHEMTREC 800-424-9300
CANUTEC (Canada) 613-996-6666
Prepared by Richard Lee, C.S.P.
(417) 886-8454

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTITY INFORMATION

Product Name: FERRIC SULFATE SOLUTION
Chemical Formula: $Fe_2(SO_4)_3$
Synonyms: Iron (III) Sulfate, Iron Persulfate
Chemical Family: Iron salt solution
Molecular Weight: 399.88
NIOSH RTECS NO: 8505000
Latest Revision Date: 1-24-01

HMIS RATING
H-F-R
2-0-0

SECTION 2 - HAZARDOUS INGREDIENTS

		OSHA PEL	ACGIH TLV	%
Ferric Sulfate - $Fe_2(SO_4)_3$	CAS# 10028-22-5	1mg/m ³	1mg/m ³	36-43
Sulfuric Acid - H_2SO_4	CAS# 7664-93-9	1mg/m ³	1mg/m ³	0-5
Water - H_2O		N/A	N/A	56-64

SECTION 3 - PHYSICAL CHARACTERISTICS

Boiling Point: 220° - 235° F
Freezing Point: -50° F (concentration dependent)
Vapor Pressure: N/A
Vapor Density (Air = 1): N/A (liquid)
Specific Gravity: 1.4-1.57
Evaporation Rate (Ether = 1): Greater than 1
Solubility in Water: Very Soluble
pH: .1 - 1.5
Appearance and Odor: Reddish brown solution, slight odor.

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (method used): None
Flammable Limits: Non-Flammable
Extinguishing Media: Dry Chemical, Water Spray or Carbon Dioxide
Special Fire Fighting Procedures: Use water spray or foam in large fires. Wear self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Dangerous and irritating sulfur dioxide fumes may be present in fire involving this substance.
NFPA Rating: Health-2, Flammability-0, Reactivity-0

SECTION 5 - REACTIVITY DATA

Stability: Stable
Incompatibilities: Materials to avoid: Corrosive to cast iron, cast bronze, copper and its alloys and galvanized steel. May be corrosive to aluminum, enamel paints and concrete. Corrosive metal salt solutions may generate hydrogen gas when contacting alkaline metals.
Hazardous Polymerization: May not occur
Decomposition Products: When heated to decomposition, toxic sulfur dioxide, sulfur trioxide, and iron oxide fumes are produced.
Conditions to Avoid: Open flames; avoid forming product mists.

SECTION 6 - HEALTH HAZARD DATA

Routes of Entry: Inhalation, ingestion and skin contact.
Skin, Eye and Respiratory Irritation: Yes
Carcinogenicity: NTP: No data found IARC: No data found
OSHA: No data found

SIGNS OR SYMPTOMS OF EXPOSURE:

Inhalation: Minimal risk due to low vapor pressure. Product mists are irritating to mucous membranes, respiratory tract, and lung tissues.
Skin: Short duration contact may cause skin irritation. Prolonged contact may cause dermatitis and burns. Highly toxic by intravenous route.
Ingestion: Oral ingestion may produce mild to moderately severe oral and esophageal burns, with mild to severe stomach burns. Deposition of excess iron may occur, which could lead to liver cirrhosis and fibrosis of the pancreas. Other complications may include somnolence, diarrhea, irregular heart beat and vomiting blood.
Eyes: Exposure results in pain and corrosive to the eyes. May cause burns to the inner eyelids.

**Precautions to be taken
in Handling & Storage:**

Keep containers closed and away from light.
Protect containers against physical damage. Keep carboys from shifting during transport. Be sure carboys are loaded in accordance with DOT regulations. Product may be safely stored in fiberglass, plastics (PE, PP, PVC, ABS, FRP), rubber or type 316 or better grades of steel.

**DOT Hazard Class:
DOT Shipping Name:**

Corrosive Material
Corrosive Liquid, acidic, inorganic, n.o.s. (Ferric Sulfate Solution),
8, UN3264, II (RQ) 1000 pounds, DOT Response Guide #154
Emergency Telephone Number (314) 241-3951

DOT Placard:

Corrosive

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: If vapors or mists are excessive, wear a NIOSH/MSHA approved respirator for protection against acid gases with a dusts and mist prefilter.

EYE PROTECTION: If splashing can occur, wear full face shield, especially if pH is below 3.0. In any case, safety glasses or chemical goggles should be worn. An eye wash station and emergency shower should be readily available.

OTHER PROTECTIVE CLOTHING: Use rubber gloves, apron and shoe covers. Polyethylene, Saranex, Butyl and natural rubber have been shown having greater breakthrough resistance than neoprene or PVC when exposed to sulfuric acids. Wash protective equipment after completing work. Check with your supplier for additional test data before making your choice.

PRECAUTIONARY LABELING: Warning! Irritant! May cause skin burns. Do not get in eyes, on skin or on clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

DISCLOSURE STATEMENT

The information presented in this Material Safety Data Sheet is subject to additions and revisions and is not all inclusive, but represented as the best information available to date. This information was drawn from recognized sources believed to be reliable. However, Midland Resources, Inc. and/or the preparer of this data sheet will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

The product discussed is sold without warranty, expressed or implied, and upon conditions that purchasers shall perform their own verification and testing to determine its suitability for a particular purpose.

ESTIMATED FATAL DOSE: Ferric salts is 30 grams.
LD50 (mouse) = 601 mg/kg

TOXIC HAZARD RATING: Moderately Toxic. Probable oral lethal dose in humans ranges from .5-5g/kg or 1 oz. to 1 pint (1 lb.)

FIRST AID PROCEDURES:

Inhalation: Remove from affected area and give oxygen/artificial respiration if needed. Seek medical attention for breathing difficulty.

Ingestion: **DO NOT INDUCE VOMITING!**
Do not give bicarbonate to neutralize. Activated charcoal is of no value. Passing a nasogastric tube into the stomach is controversial at this time. Irrigate all affected areas with copious amounts of water. Immediately dilute with 4 to 8 oz. of milk or water in adults and 2 to 4 oz. in children. Seek immediate medical attention. Perform saline catharsis. Evaluate for esophopharyngeal and gastric burns. In severe cases of gastrointestinal necrosis, surgical consultation should be obtained.

Laboratory: Obtain baseline CBC and electrolytes, if needed.

Eye Exposure: Exposed eyes should be irrigated with copious amounts of water for at least 15 minutes. Seek medical attention immediately! If irritation, lacrimation, swelling or photophobia persist, the patient should be re-examined at a health care facility.

Dermal Exposure: Remove contaminated clothing and wash thoroughly with copious amounts of soap and water for 15 minutes. A physician may need to be seen.

SECTION 7 - PRECAUTIONS FOR SAFE USE AND HANDLING

Steps to be Taken in Case of Release: Neutralize with Sodium Bicarbonate or Soda Ash. Transfer to an EPA approved container. When neutralized dispose of in accordance with local, state or federal environmental regulations. Dike spill to prevent run-off onto public land or waterways. Follow Response Guide #154 in DOT Emergency Response Guide Book 1996. In Canada emergency response assistance can be obtained by calling CANUTEC at 613-996-6666. (CERCLA RQ is 1000 lbs.)

Persons in charge of vessels or facilities are required to notify the National Response Center (NRC) immediately, as required under 40 CFR 302.6, when there is a release of this hazardous substance in an amount equal to or greater than its reportable quantity of 1000 lbs. or 454 kg. The toll free telephone number of the NRC in Canada and the U.S. is (800) 424-8802. Serious penalties are prescribed for failing to make the required notifications. Calling CHEMTREC does not constitute compliance with this requirement. Only a phone call to the NRC satisfies these reporting requirements.

Waste Disposal Methods: Neutralize and landfill or incinerate in accordance with local, state or federal environmental regulations.

January 11, 2005

SAFETY CONTACT
MINERAL RESOURCES
1990 WEST 3300 SOUTH
OGDEN, UT 84401

DEAR SAFETY CONTACT,

Enclosed please find the Material Safety Data Sheet (MSDS) for the material listed below. Either you recently purchased this product from us, and/or we are furnishing this MSDS as required by the "Annual Notification Procedures under Section 313 of Title III".

Product Name: XANTHAN GUM FG FCC/NF

We thank you for your order and hope we may continue to merit serving your future requirements.

Very truly yours,

Contact Name

Brenntag Contact

Brenntag Contact Title

BRENNTAG WEST, INC. 10747 PATTERSON PLACE SANTA FE SPRINGS, CA 90670
PHONE#... (562)903-9626 MSDS#... 6054 6/06/02

MATERIAL SAFETY DATA SHEET XANTHAN GUM

Section 01 Identification

Info Furnished By..... JUNGBUNZLAUER, INC.
Address..... 75 WELLS AVE., NEWTON CENTRE, MA 02159
Emergency Phone #..... 617/969-0900, 800/424-9300 (CHEMTREC-24 HOURS)
Date Effective..... 8/19/96, DATE ENT'D.: 7/24/97
Product or Trade Name..... XANTHAN GUM (VARIOUS SUFFIXES-SEE BELOW)
Chemical Name/Synonyms.... XANTHAN GUM
HAZARDOUS INGREDIENTS CAS REGISTRATION # HAZARD DATA
XANTHAN GUM 11138-66-2

EINECS-NR. 234-394-2

CHEMICAL CHARACTERIZATION: POLYSACCHARIDE (C35H49O29)N

HAZARDOUS IMPURITIES: NONE

PRODUCT USE: MULTIPURPOSE THICKENER AND VISCOFIER FOR FOOD AND PHARMACEUTICAL SYSTEMS, EMULSION STABILIZER.

EMERGENCY PHONE NO. (617/969-0900): ONLY 8:30 - 5:00 M-F EASTERN TIME.
USE CHEMTREC NO. (800/424-9300) FOR ALL OTHER TIMES.

EMERGENCY OVERVIEW:

FINE WHITE TO YELLOWISH POWDER WITH SLIGHT ODOR.

SUFFIXES USED WITH XANTHAN GUM: FNA, FNB, FAS, FS, FF, FED.

Section 02 Physical Data

FORM: POWDER
COLOR: WHITE/BEIGE
ODOR: SLIGHT
PH, SOLUTION (1%):6.0 - 8.0
VAPOR PRESSURE: NOT APPLICABLE
VAPOR DENSITY: NOT APPLICABLE
BOILING POINT: NOT APPLICABLE
EVAPORATION RATE: NOT APPLICABLE
COEFFICIENT OF WATER/OIL DISTRIBUTION: NOT APPLICABLE
MELTING POINT/RANGE:NOT APPLICABLE
DECOMPOSITION TEMPERATURE: NO DATA AVAILABLE
RELATIVE DENSITY: NOT AVAILABLE
BULK DENSITY:650-850 KG/M3 ALL GRADES EXCEPT ED/FED GRADES
FED & ED GRADES APPROXIMATELY 400 KG/M3
EXPLOSIVE PROPERTIES: NO DATA AVAILABLE
WATER SOLUBILITY (G/KG): FORMS COLLOIDAL SOL - "COMPLETELY SOLUBLE".

Section 03 Fire And Explosion Hazard Data

FLAMMABLE LIMITS: NO DATA AVAILABLE
AUTOIGNITION TEMPERATURE: >200 DEG. C.

The information herein is given in good faith, but no warranty, express or implied, is made.

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PHONE#... (562)903-9626 MSDS#... 6054 6/06/02 PAGE 2

MATERIAL SAFETY DATA SHEET XANTHAN GUM

SPECIAL CHARACTERISTICS: POWDER FORMS SLIPPERY MASS WHEN WET.

SUITABLE EXTINGUISHING MEDIA:
WATER, WATER SPRAY, DRY POWDER, FOAM, CARBON DIOXIDE (CO2).

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES.

SPECIAL PROTECTIVE EQUIPMENT:
USE PERSONAL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRE IN ENCLOSED AREA.

SPECIFIC METHODS:
STANDARD PROCEDURE FOR CHEMICAL FIRES.

Section 04 Reactivity Data

STABILITY AND REACTIVITY:
=====

STABILITY: STABLE AT NORMAL CONDITIONS.

CONDITIONS TO AVOID:
KEEP CONTAINERS DRY AND TIGHTLY CLOSED TO AVOID MOISTURE ABSORPTION AND CONTAMINATION.

MATERIALS TO AVOID: STRONG OXIDIZERS.

HAZARDOUS POLYMERIZATION: DOES NOT OCCUR.

Section 05 Spill, Leak And Disposal Procedures

ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS:
USE PERSONAL PROTECTIVE EQUIPMENT. AVOID DUST FORMATION.

ENVIRONMENTAL PRECAUTIONS:
DISPOSE ACCORDING TO FEDERAL, STATE AND LOCAL AUTHORITIES.

METHODS FOR CLEANING UP:
SWEEP UP AND SHOVEL. AFTER CLEANING, FLUSH AWAY TRACES WITH COPIOUS AMOUNTS OF WATER.

DISPOSAL CONSIDERATIONS:
=====

WASTE FROM RESIDUES/UNUSED PRODUCTS:
ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS (CONTACT LOCAL OR STATE ENVIRONMENTAL AGENCY FOR SPECIFIC RULES).

Section 06 Health Hazard Data

MOST IMPORTANT HAZARD: SPILLED MATERIAL, WHEN WET. FORMS VERY SLIPPERY MASS.

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PHONE#... (562)903-9626 MSDS#... 6054 6/06/02

MATERIAL SAFETY DATA SHEET XANTHAN GUM

INHALATION:
DUST MAY CAUSE IRRITATION OF MUCOUS MEMBRANE AND RESPIRATORY TRACT.

EYE CONTACT:
MAY CAUSE IRRITATION

SKIN CONTACT:
NO DATA AVAILABLE.

INGESTION:
NO DATA AVAILABLE.

CHRONIC:
NO DATA AVAILABLE.

CARCINOGEN STATUS:
NONE

Section 07 First Aid Procedures And Physician Notes

GENERAL ADVICE:
NO HAZARDS WHICH REQUIRE SPECIAL FIRST AID MEASURES. IF YOU FEEL UNWELL,
SEEK MEDICAL ADVICE.

INHALATION:
MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

SKIN CONTACT:
WASH OFF WITH SOAP AND PLENTY OF WATER. IF SKIN IRRITATION PERSISTS, CALL A
PHYSICIAN.

EYE CONTACT:
FLUSH EYES WITH WATER AS A PRECAUTION. IF EYE IRRITATION PERSISTS, CONSULT
A SPECIALIST.

INGESTION:
DRINK WATER AS A PRECAUTION. CONSULT A PHYSICIAN IF NECESSARY.

PROTECTION OF FIRST-AIDERS:
NO HAZARDS WHICH REQUIRE SPECIAL FIRST AID MEASURES.

Section 08 Special Handling Information

HANDLING AND STORAGE:

HANDLING:
TECHNICAL MEASURES/PRECAUTIONS:
NO SPECIAL TECHNICAL PROTECTIVE MEASURES REQUIRED.

SAFE HANDLING ADVICE:
IMMEDIATELY SWEEP UP SPILLS. IF POSSIBLE, AVOID WETTING SPILLED MATERIAL.
IF SPILLED MATERIAL MUST BE WASHED DOWN, THEN COPIOUS AMOUNTS OF WATER WILL
BE NECESSARY. AVOID WALKING ON WET SPILLED MATERIAL WHICH WILL BE VERY
SLIPPERY.

The information herein is given in good faith, but no warranty, express or
implied, is made.

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PHONE#... (562)903-9626 MSDS#... 6054 6/06/02 PAGE 4

MATERIAL SAFETY DATA SHEET XANTHAN GUM

STORAGE:
TECHNICAL MEASURES/STORAGE CONDITIONS:
KEEP TIGHTLY CLOSED IN A DRY AND COOL PLACE.

INCOMPATIBLE PRODUCTS:
NO SPECIAL RESTRICTIONS ON STORAGE WITH OTHER PRODUCTS.

PACKAGING MATERIAL:
STORE IN ORIGINAL CONTAINER.

Section 09 Special Precautions And Additional Information

EXPOSURE CONTROLS, PERSONAL PROTECTION
=====

ENGINEERING MEASURES: PROVIDE GENERAL DILUTE VENTILATION.

EXPOSURE LIMIT(S): NONE ESTABLISHED

PERSONAL PROTECTION EQUIPMENT:
=====

RESPIRATORY PROTECTION: NIOSH APPROVED DUST RESPIRATOR
HAND PROTECTION: GLOVES.
EYE PROTECTION: SAFETY GLASSES.
SKIN AND BODY PROTECTION: LIGHTWEIGHT PROTECTIVE CLOTHING.
HYGIENE MEASURES: HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

Section 10 Hazardous Ingredients

TOXICOLOGICAL INFORMATION:
ACUTE TOXICITY: LD50/0.0/RAT = 45,000 MG/KG
LOCAL EFFECTS: NO DATA AVAILABLE
CHRONIC TOXICITY: NO DATA AVAILABLE
HUMAN EXPERIENCE: HEALTH INJURIES ARE NOT KNOWN OR EXPECTED UNDER NORMAL USE.

ECOLOGICAL INFORMATION:
MOBILITY: COMPLETELY SOLUBLE
PERSISTENCE AND DEGRADABILITY:
CHEMICAL OXYGEN DEMAND: UNKNOWN
BIOCHEMICAL OXYGEN DEMAND WITHIN 5 DAYS (BOD5) = 250 MG O2/G
READILY BIODEGRADABLE: >98% AFTER 2 DAYS (OECD 302B)
BIOACCUMULATION: NO DATA AVAILABLE
ECOTOXICITY EFFECTS: NO DATA AVAILABLE.

TRANSPORT INFORMATION: NOT REGULATED

HMIS* RATING:
HEALTH: 0
FIRE: 0
REACTIVITY: 0

*HAZARDOUS MATERIAL INFORMATION SYSTEM OF THE NATIONAL PAINT AND COATING ASSOCIATION.

The information herein is given in good faith, but no warranty, express or implied, is made.

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PHONE#... (562)903-9626 MSDS#... 6054 6/06/02 PAGE 5

MATERIAL SAFETY DATA SHEET XANTHAN GUM

Section 11 SARA Title III Information

REGULATORY INFORMATION:

IS APPROVED BY THE FDA AS A FOOD ADDITIVE..
LISTED EUROPEAN FOOD ADDITIVE E415
THE MATERIAL IS LISTED ON THE TSCA INVENTORY LIST.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):
NOT HAZARDOUS.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION BILL):
NOT CONSIDERED HAZARDOUS.

FOREIGN INVENTORY STATUS:
CANADIAN DSL (DOMESTIC SUBSTANCE LIST).

Section 99 Footnotes

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. HOWEVER, IT IS PROVIDED SOLELY FOR THE CUSTOMER'S CONSIDERATION, INVESTIGATION AND VERIFICATION. JUNBUNZLAUER, INC. HEREBY SPECIFICALLY DISCLAIMS ANY AND ALL WARRANTIES EXPRESSED OR IMPLIED, REGARDING THE ACCURACY AND COMPLETENESS OF SUCH INFORMATION AND MAKES NO REPRESENTATION WITH RESPECT THERETO.

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Marcia Porter <marcia.porter@wyo.gov>

WY0000027

1 message

Marcia Porter <marcia.porter@wyo.gov>
To: rtoone@jpwb.org, glegerski@jpwb.org

Wed, Dec 10, 2014 at 1:19 PM

Dear Applicant,

Thank you for submitting a WYPDES permit application. The application has been received by the WYPDES Program and reviewed by a member of the permit writing staff. Based on this review, your application has been determined to be **TECHNICALLY ADEQUATE** and no further information is needed at this time. Please refer to the following table for information about the public notice date for this permit. E-mail addresses and other contact information for all permit writers are included at the end of this message. If you have any questions about this review, please contact (by e-mail) the permit writer who reviewed your application. Please be sure to include the WYPDES permit number, shown below, in all correspondence regarding this application.

WYPDES PERMIT APPLICATION REVIEW—Technically Adequate Determination	
WYPDES Permit Number	WY0000027
Application Type	Renewal
Name of Applicant	Marcia Porter
Date Application Received	9/29/2014
Date Application Reviewed	12/02/2014
Permit Writer Who Reviewed Application	Marcia Porter
Application Status Determination	Technically Adequate
Estimated Public Notice Date	12/17/2014
Additional Comments	<p>The Public Notice document, including a draft of the proposed permit can be found at the following website once the permit renewal is advertised in public notice:</p> <p>http://deq.state.wy.us/wqd/events/index.asp</p> <p>From the link above scroll down the page until you come to a series of small boxes. Select the box with the December 17, 2014 to January 17, 2015 dates in it. Scroll down the public notice until you find the City's name and click on "draft permit." Please review the draft permit while it is still in public notice.</p> <p><u>PLEASE NOTE: The draft permit will not be available on line until the actual day the public notice begins, or shortly thereafter.</u></p>

WYPDES Permit Writer Contact Information:

Permit Writer	E-mail Address	Phone Number
Michelle Hinz	michelle.hinz@wyo.gov	307-777-6549
Roland Peterson	roland.peterson@wyo.gov	307-777-7090
Jason Thomas	jason.thomas@wyo.gov	307-777-5504
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—
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Natural Resource Analyst
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