ARG670000 Checklist

ARG67 0868          ☐ New          ☐ Renewal          ☐ Modification

Permit Fee: ☐ Disclosure Statement: ☐ Sec. of State Check: ☐

Does the facility have any other NPDES permit: ☐ No          ☐ Yes: _______________

Discharge Path: vegetated surface, Illinois Bayou, Lake Dardanelle, Arkansas River

HUC: 11110202_       Stream Segment: _3H_

Potential Losing Stream Area: ☐ No          ☐ Yes

Natural/Scenic Water: ☐ No          ☐ Yes: _______________ Distance: _______________

Extraordinary Resource Water: ☐ No          ☐ Yes: Illinois Bayou Distance: 0.05 miles

Ecologically Sensitive Waterbody: ☐ No          ☐ Yes: _______________ Distance: _______________

303 (d) list Impaired: ☐ None

☐ Category 5 – Waterbody: _______________ Source/Cause: _______________ Distance: _______________

☐ Category 4 – Waterbody: _______________ Source/Cause: _______________ Distance: _______________

Site Map or Schematic diagram: ☐

X Discharge Location(s)

Volume and Rate of Discharge: ☐ 6,255 GPM

Test Water Source: ☐ Russellville City Water

Pipeline/Vessel Condition: ☐ Used          ☐ Virgin

Pipe/Vessel Material: Concrete

Typical fluid: ☐

Corrosion inhibitors: ☐ No          ☐ Yes

If Yes, MSDS sheets included for every additive?

Date sent to Tech. Services Manager: ___________ Response Date: ___________

Comments: ___________________________________________________________________________________

Check with Enforcement for non-compliance issues: New permittee (based on Disclosure Statement)

Discharge contains only water used for hydrostatic testing: ☐

<0.1 mg/l of chlorine in discharge: ☐

No substances that are not monitored by effluent limits in permit: ☐

No lubricants with PCBs: ☐

Other Comments: ________________________________________________________________________________

Phone conversation with Daniel Hollinger, the consultant, on March 21, 2017
**Search Incorporations, Cooperatives, Banks and Insurance Companies**

LLC Member information is now confidential per Act 865 of 2007

Use your browser's back button to return to the Search Results

Begin New Search

For service of process contact the [Secretary of State's office](#).

<table>
<thead>
<tr>
<th>Corporation Name</th>
<th>NATGUN CORPORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fictitious Names</td>
<td></td>
</tr>
<tr>
<td>Filing #</td>
<td>10063841</td>
</tr>
<tr>
<td>Filing Type</td>
<td>Foreign For Profit Corporation</td>
</tr>
<tr>
<td>Filed under Act</td>
<td>For Bus Corp; 958 of 1987</td>
</tr>
<tr>
<td>Status</td>
<td>Good Standing</td>
</tr>
<tr>
<td>Principal Address</td>
<td></td>
</tr>
<tr>
<td>Reg. Agent</td>
<td>NATIONAL REGISTERED AGENTS, INC. OF AR</td>
</tr>
<tr>
<td>Agent Address</td>
<td>124 W CAPITOL AVE, STE 1900</td>
</tr>
<tr>
<td></td>
<td>LITTLE ROCK, AR 72201</td>
</tr>
<tr>
<td>Date Filed</td>
<td>09/02/1980</td>
</tr>
<tr>
<td>Officers</td>
<td>SEE FILE, Incorporator/Organizer</td>
</tr>
<tr>
<td></td>
<td>CHARLES E. CROWLEY , President</td>
</tr>
<tr>
<td></td>
<td>DONNA O'DONNELL , Secretary</td>
</tr>
<tr>
<td></td>
<td>DONALD (SENIOR) PAULA , Vice-President</td>
</tr>
<tr>
<td></td>
<td>DONALD PAULA , Treasurer</td>
</tr>
<tr>
<td>Foreign Name</td>
<td>N/A</td>
</tr>
<tr>
<td>Foreign Address</td>
<td></td>
</tr>
<tr>
<td>State of Origin</td>
<td>MA</td>
</tr>
</tbody>
</table>

**Purchase a Certificate of Good Standing for this Entity**

[Pay Franchise Tax for this corporation](#)
I. PERMITTEE/OPERATOR INFORMATION

Permittee (Legal Name): NATGUN CORP.
Operator Type:
Permittee Mailing Address: 11 Test Road
Permittee City: Wakefield
Permittee State: MA Zip: 01880
Permittee Telephone Number: 972-823-3333
Permittee Fax Number: 972-823-3333
Permittee E-mail Address: PATRICK.MCINERNY@DANTANKS.COM

II. INVOICE MAILING INFORMATION

Invoice Contact Person: PATRICK MCINERNY City: Grand Prairie
Invoice Mailing Company: NATGUN CORP. State: TX Zip: 75050
Invoice Mailing Address: 410 E. Trinity Blvd Telephone: 972 823 3300

III. FACILITY INFORMATION

Facility Name: Russellville Water & Sewer System Facility Contact Person: Jonathan Shipley
Facility Address: 690 Water Works Road Contact Title: Plant Manager
Facility County: POKE COUNTY Contact Telephone Number: 479-962-1148
Facility City, State & Zip: Russellville AR 72802 Contact E-mail:
Facility SIC Code: Facility NAICS Code: Type of Business:
Facility Latitude: 35 Deg 20 Min 19.5 Sec Facility Longitude: 93 Deg 8 Min 45.5 Sec
Accuracy: Method: Google Earth Datum: WAD83 Scale: N/A Description: Tank Location
Section: Township: Range:

IV. DISCHARGE INFORMATION

Is the permittee capable of meeting the applicable effluent limits and conditions of the general permit? ☑ Yes ☐ No*

*If the answer is NO, do not submit the NOI for permit coverage.
### ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
### NOTICE OF INTENT
### PIPELINE HYDROSTATIC TESTING DISCHARGE
### NPDES GENERAL PERMIT ARG6700000

<table>
<thead>
<tr>
<th>Outfall Number:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Stream Segment:</td>
<td><strong>W/A See below</strong></td>
</tr>
<tr>
<td>Hydrologic Basin Code:</td>
<td></td>
</tr>
<tr>
<td>Outfall Latitude:</td>
<td>0° 19' 55&quot; W</td>
</tr>
<tr>
<td>Outfall Longitude:</td>
<td>93° 8' 45.52&quot; W</td>
</tr>
<tr>
<td>County:</td>
<td></td>
</tr>
<tr>
<td>Start Date:</td>
<td>End Date:</td>
</tr>
<tr>
<td>Name of Receiving Stream:</td>
<td>Illinois Bayou</td>
</tr>
</tbody>
</table>

Are any of the Receiving Streams on the latest Clean Water Act section 303 (d) list of impaired waters or have an approved TMDL? If yes, list the Receiving Streams.

<table>
<thead>
<tr>
<th>Estimated Volume of Discharge:</th>
<th>gallons</th>
</tr>
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<tbody>
<tr>
<td>Estimated Rate of Discharge:</td>
<td>MGD</td>
</tr>
<tr>
<td>Source of Test Water:</td>
<td></td>
</tr>
<tr>
<td>Pipeline/Vessel:</td>
<td></td>
</tr>
<tr>
<td>Describe material from which pipeline/vessel was constructed:</td>
<td></td>
</tr>
<tr>
<td>Type of fluid normally contained/transported through pipe/vessel:</td>
<td></td>
</tr>
<tr>
<td>Are Corrosion Inhibitors Used?:</td>
<td></td>
</tr>
<tr>
<td>Does pipeline use compressor lubricants containing polychlorinated biphenyls (PCBs)?</td>
<td>Yes No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outfall Number:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Stream Segment:</td>
<td><strong>111 102 03</strong></td>
</tr>
<tr>
<td>Hydrologic Basin Code:</td>
<td></td>
</tr>
<tr>
<td>Outfall Latitude:</td>
<td>35° 20' 19.55&quot; W</td>
</tr>
<tr>
<td>Outfall Longitude:</td>
<td>93° 8' 45.52&quot; W</td>
</tr>
<tr>
<td>County:</td>
<td></td>
</tr>
<tr>
<td>Start Date:</td>
<td>End Date:</td>
</tr>
<tr>
<td>Name of Receiving Stream:</td>
<td>Illinois Bayou</td>
</tr>
</tbody>
</table>

Are any of the Receiving Streams on the latest Clean Water Act section 303 (d) list of impaired waters or have an approved TMDL? If yes, list the Receiving Streams.

| Estimated Volume of Discharge: | 1,800,000 gallons |
| Estimated Rate of Discharge:   | 1,800,000 MGD   |
| Source of Test Water:          | Drain splash pad |
| Pipeline/Vessel:               | Concrete tank   |
| Describe material from which pipeline/vessel was constructed: |         |
| Type of fluid normally contained/transported through pipe/vessel: | Potable Water |
| Are Corrosion Inhibitors Used?: | No               |
| Does pipeline use compressor lubricants containing polychlorinated biphenyls (PCBs)? | Yes No |

Additional Outfalls can be added using separate attached pages.

---

WATER DIVISION
5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118
PHONE 501-682-0623 / FAX 501-682-0880
www.adeq.state.ar.us

- 6 -
Revised 06/24/2012
ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
NOTICE OF INTENT
PIPELINE HYDROSTATIC TESTING DISCHARGE
NPDES GENERAL PERMIT ARG670000

V. FACILITY PERMIT INFORMATION

NPDES Individual Permit Number (If Applicable): AR00
NPDES General Permit Number (If Applicable): ARG
State Construction Permit Number (If Applicable): ARR15
NPDES General Construction Stormwater Permit Number (If Applicable):

VI. OTHER INFORMATION:

Additional Location Description
Additional Comments: 
Consultant Contact Name: Dong Hoollinger, Garver USA
Consultant Email Address: DChollinger@garverusa.com
Consultant Address:
City: State: Zip: 
Consultant Phone Number: 501-537-3236 Consultant Fax Number:

Disclosure Statements:
Arkansas Code Annotated Section 8-1-106 requires that all applicants for the issuance or transfer of any permit, license, certification or operational authority issued by the Arkansas Department of Environmental Quality (ADEQ) file a disclosure statement with their applications. The filing of a disclosure statement is mandatory. No application can be considered complete without one. You must submit a new disclosure statement even if you have one on file with the Department. The form may be obtained from ADEQ web site at: http://www.aedq.state.ar.us/disclosure_sint.pdf.

VII. PERMIT REQUIREMENT VERIFICATION

Please check the following to verify completion of permit requirements.

<table>
<thead>
<tr>
<th>Item</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submittal of Complete NOI?</td>
<td>☒</td>
<td></td>
</tr>
<tr>
<td>Submittal of Required Permit Fee?</td>
<td>☒</td>
<td></td>
</tr>
<tr>
<td>Submittal of Site Map?</td>
<td>☒</td>
<td></td>
</tr>
<tr>
<td>Submittal of Disclosure Statement?</td>
<td>☒</td>
<td></td>
</tr>
</tbody>
</table>

* If No is answered for any of the questions, then a permit cannot be issued!

Check Number: 446157

WATER DIVISION
5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118
PHONE 501-682-0623 / FAX 501-682-0880
www.aedq.state.ar.us

- 7 -
Revised 04/24/2012
VIII. CERTIFICATION OF OPERATOR

(Initial) "I certify that, if this facility is a corporation, it is registered with the Secretary of the State of Arkansas."

(Initial) "I certify that the cognizant official designated in this Application is qualified to act as a duly authorized representative under the provisions of 40 CFR 122.22(b). If no cognizant official has been designated, I understand that the Department will accept reports signed only by the Applicant."

(Initial) "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

<table>
<thead>
<tr>
<th>Responsible Official Printed Name:</th>
<th>Donna O'Donnell</th>
<th>Title:</th>
<th>Secretary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible Official Signature:</td>
<td>[Signature]</td>
<td>Date:</td>
<td>March 10, 2017</td>
</tr>
<tr>
<td>Responsible Official Email:</td>
<td><a href="mailto:donna.odonnell@dntanks.com">donna.odonnell@dntanks.com</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cognizant Official Printed Name:</th>
<th>Robert J. Walsh</th>
<th>Title:</th>
<th>V. P. Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cognizant Official Signature:</td>
<td>[Signature]</td>
<td>Date:</td>
<td>March 10, 2017</td>
</tr>
<tr>
<td>Cognizant Official Email:</td>
<td><a href="mailto:Bob.Walsh@dntanks.com">Bob.Walsh@dntanks.com</a></td>
<td>Telephone:</td>
<td>972-823-3300</td>
</tr>
</tbody>
</table>
ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY DISCLOSURE STATEMENT

Instructions for the Completion of this Document:

A. Individuals, firms or other legal entities with no changes to an ADEQ Disclosure Statement, complete items 1 through 5 and 18.

B. Individuals who never submitted an ADEQ Disclosure Statement, complete items 1 through 4, 6, 7, and 16 through 18.

C. Firms or other legal entities who never submitted an ADEQ Disclosure Statement, complete 1 through 4, and 6 through 18.

If Not Submitting by ePortal, Mail Original to:
ADEQ
DISCLOSURE STATEMENT
[List Proper Division(s)]
5301 Northshore Drive
North Little Rock, AR 72118-5317

1. APPLICANT: (Full Name)
   Natgun Corporation

2. MAILING ADDRESS (Number and Street, P.O.Box Or Rural Route):
   410 E Trinity Blvd

3. CITY, STATE, AND ZIPCODE:
   Grand Prairie, TX 75050

4a. Applicant Type:
   ☑ Corporate or Other Entity

4b. Reason for Submission:
   ☑ Permit ☐ License ☐ Certification ☐ Operational Authority
   ☑ New Application ☐ Modification ☐ Renewal Application (If no changes from previous disclosure statement, complete number 5 and 18.)

4c. Division:
   ☑ Air ☐ Water ☐ Hazardous Waste ☑ Regulated Storage Tank ☐ Mining ☐ Solid Waste

5. Declaration of No Changes:
The violation history, experience and credentials, involvement in current or pending environmental lawsuits, civil and criminal, have not changed since the last Disclosure Statement that was filed with ADEQ on ________________________________
6. Describe the experience and credentials of the Applicant, including the receipt of any past or present permits, licenses, certifications or operational authorization relating to environmental regulation. (Attach additional pages, if necessary.)

Natgun Corporation has built several ground water storage tanks in Arkansas over the past 25 years.

7. List and explain all civil or criminal legal actions by government agencies involving environmental protection laws or regulations against the Applicant * in the last ten (10) years including:

1. Administrative enforcement actions resulting in the imposition of sanctions;
2. Permit or license revocations or denials issued by any state or federal authority;
3. Actions that have resulted in a finding or a settlement of a violation; and
4. Pending actions.

(Attach additional pages, if necessary.)

There are none.

* Firms or other legal entities shall also include this information for all persons and legal entities identified in sections 8-16 of this Disclosure Statement.
8. List all officers of the Applicant. (Add additional pages, if necessary.)

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles E. Crowley</td>
<td>President/Chief Executive Officer / Dir</td>
</tr>
<tr>
<td>11 Teal Road</td>
<td></td>
</tr>
<tr>
<td>Wakefield, MA 01880</td>
<td></td>
</tr>
<tr>
<td>Donald Paula</td>
<td>Sr. Vice President / CFO / Treasurer</td>
</tr>
<tr>
<td>11 Teal Road</td>
<td></td>
</tr>
<tr>
<td>Wakefield, MA 01880</td>
<td></td>
</tr>
<tr>
<td>Donna O'Donnell</td>
<td>Secretary</td>
</tr>
<tr>
<td>11 Teal Road</td>
<td></td>
</tr>
<tr>
<td>Wakefield, MA 01880</td>
<td></td>
</tr>
</tbody>
</table>

9. List all directors of the Applicant. (Add additional pages, if necessary.)

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>William F. Crowley</td>
<td>Director</td>
</tr>
<tr>
<td>11 Teal Road</td>
<td></td>
</tr>
<tr>
<td>Wakefield, MA 01880</td>
<td></td>
</tr>
<tr>
<td>William J. Hendrickson</td>
<td>Director</td>
</tr>
<tr>
<td>351 Cypress Lane</td>
<td></td>
</tr>
<tr>
<td>El Cajon, CA 92020</td>
<td></td>
</tr>
<tr>
<td>David R. Gourley</td>
<td>Director</td>
</tr>
<tr>
<td>351 Cypress Lane</td>
<td></td>
</tr>
<tr>
<td>El Cajon, CA 92020</td>
<td></td>
</tr>
</tbody>
</table>

10. List all partners of the Applicant. (Add additional pages, if necessary.)

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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</tr>
<tr>
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</tr>
</tbody>
</table>

11. List all persons employed by the Applicant in a supervisory capacity or with authority over operations of the facility subject to this application.

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert J Walsh</td>
<td>V.P. Construction</td>
</tr>
<tr>
<td>410 E. Trinity Blvd</td>
<td>Grand Prairie TX 75050</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
12. List all persons or legal entities, who own or control more than five percent (5%) of the Applicant's debt or equity.

NAME: DN Tanks, Inc.  TITLE: Corporation
STREET: 11 Teal Road
CITY, STATE, ZIP: Wakefield, MA 01880

NAME:  TITLE: 
STREET:  
CITY, STATE, ZIP: 

NAME:  TITLE: 
STREET:  
CITY, STATE, ZIP: 

NAME:  TITLE: 
STREET:  
CITY, STATE, ZIP: 

13. List all legal entities, in which the Applicant holds a debt or equity interest of more than five percent (5%).

NAME: N/A  TITLE: 
STREET:  
CITY, STATE, ZIP: 

NAME:  TITLE: 
STREET:  
CITY, STATE, ZIP: 

NAME:  TITLE: 
STREET:  
CITY, STATE, ZIP: 

14. List any parent company of the Applicant. Describe the parent company's ongoing organizational relationship with the Applicant.

NAME: DN Tanks, Inc.
STREET: 11 Teal Road
CITY, STATE, ZIP: Wakefield, MA 01880

Organizational Relationship:
Natgun Corporation is a wholly owned subsidiary of DN Tanks, Inc.

15. List any subsidiary of the Applicant. Describe the subsidiary's ongoing organizational relationship with the Applicant.

NAME: N/A
STREET:  
CITY, STATE, ZIP: 

Organizational Relationship:
16. List any person who is not now in compliance or has a history of noncompliance with the environmental laws or regulations of this state or any other jurisdiction and who through relationship by blood or marriage or through any other relationship could be reasonably expected to significantly influence the Applicant in a manner which could adversely affect the environment.

<table>
<thead>
<tr>
<th>NAME:</th>
<th>None</th>
<th>TITLE:</th>
<th></th>
</tr>
</thead>
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<tr>
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<td></td>
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<tr>
<td>CITY, STATE, ZIP:</td>
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</tr>
<tr>
<td>CITY, STATE, ZIP:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

17. List all federal environmental agencies and any other environmental agencies outside this state that have or have had regulatory responsibility over the Applicant.

None.
18. VERIFICATION AND ACKNOWLEDGEMENT

The Applicant agrees to provide any other information the director of the Arkansas Department of Environmental Quality may require at any time to comply with the provisions of the Disclosure Law and any regulations promulgated thereto. The Applicant further agrees to provide the Arkansas Department of Environmental Quality with any changes, modifications, deletions, additions or amendments to any part of this Disclosure Statement as they occur by filing an amended Disclosure Statement.

DELIBERATE FALSIFICATION OR OMISSION OF RELEVANT INFORMATION FROM DISCLOSURE STATEMENTS SHALL BE GROUNDS FOR CIVIL OR CRIMINAL ENFORCEMENT ACTION OR ADMINISTRATIVE DENIAL OF A PERMIT, LICENSE, CERTIFICATION OR OPERATIONAL AUTHORIZATION.

COMPLETE THIS SECTION ONLY IF SUBMITTING OTHER THAN BY EPORTAL:

I, Donna O'Donnell, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violation.

APPLICANT: Donna O'Donnell
SIGNATURE: [Signature]

TITLE: Secretary
DATE: March 10, 2017
DN Tanks
New 2.0 MG Water Storage Tank
Russellville, AR—16C26

Jobsite address: past 510 Gardner Lane, Dover, AR 72837

DIRECTIONS FROM I-40: Head North on N. Arkansas Ave. (Rt. 7) toward W. Birch St. Turn left onto Country Club Rd. / Turn left onto Bayou Ridge Rd. / Turn left onto Bayou Ridge Loop Rd. / Turn left onto Gardner Lane. Go past 510 Gardner Lane to dirt road on the left. Follow signs to jobsite.
SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT INFORMATION

Product Name: LPD-CHLOR
CAS #: 7757-83-7
Chemical Name: Sodium sulfite
Chemical Formula: Na₂SO₃
Synonyms: Disodium sulfite
Product Use: Dechlorinating agent for water and wastewater
Original Issue Date: October 15, 1995
Previous Revision Date: December 3, 2014
Revision Date: September 18, 2015

MANUFACTURER INFORMATION

Company Name: De Nora Water Technologies Corporation
Street Address: 1110 Industrial Boulevard
City, State, Zip. Country: Sugar Land, Texas 77478, USA
Office Phone Number: 1-281-240-6770 Toll Free: 1-800-621-9189

24-HR EMERGENCY TELEPHONE NUMBER


LEGEND – HMIS/NFPA

<table>
<thead>
<tr>
<th>Severe Hazards or Risks</th>
<th>Serious Hazards or Risks</th>
<th>Moderate Hazards or Risks</th>
<th>Slight Hazards or Risk</th>
<th>Minimal Hazards or Risks</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>0</td>
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</table>

HMIS Classification

<table>
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<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

NFPA Classification

- Health: 2
- Fire: 0
- Reactivity: 1
- Specific Hazards: None

PPE Supplied by user, dependent on local conditions.

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture

UN GHS & Canada WHMIS 2015: Acute Toxicity: Oral (Category 4)
Acute Toxicity: Inhalation (Category 4)
Skin Corrosion/Irritation (Category 2)
Eye Damage/Irritation (Category 2A)

US OSHA 29 CFR 1910.1200 HCS: Based on available data, the classification criteria are not met

Label Elements

UN GHS & Canada WHMIS: Irritant

US OSHA 29 CFR 1910.1200 HCS: None required

Hazard Statement: H302 - Harmful if swallowed
H315 – Causes skin irritation
H319 – Causes serious eye irritation
SECTION 2: HAZARD(S) IDENTIFICATION

H332 – Harmful if inhaled
Reaction with acids form toxic and irritating sulfur dioxide gas. Hazardous decomposition products formed under fire conditions.

Precautionary Statements:
- P261 – Avoid breathing dust/fume/gas/mist/vapor/spray
- P264 – Wash exposed skin thoroughly after handling
- P280 – Wear protective gloves and eye protection
- P302+P352 – IF ON SKIN: Wash with plenty of soap and water
- P305+P351+P358 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P332+P313 – If skin irritation occurs: Get medical advice/attention
- P337+P313 – If eye irritation occurs: Get medical advice/attention
- P362 – Take off contaminated clothing

Other Hazards:
Other hazards not contributing to the classification: None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Molecular Formula</th>
<th>Molecular Weight</th>
<th>% of Mixture</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium sulfite</td>
<td>Na₂SO₃</td>
<td>126.043 gm/mol</td>
<td>81.3</td>
<td>7757-83-7</td>
</tr>
</tbody>
</table>

Note: Inert Ingredients 7.7%.

SECTION 4: FIRST AID MEASURES

Eyes:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention if difficulties persist.

Skin:
Remove contaminated clothing and footwear. Wash with plenty of soap and water. Clothing and footwear should be decontaminated before reuse. Seek medical attention if irritation occurs or persists.

Inhalation:
Remove victim out of contaminated area to fresh air. If breathing is stopped or irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion:
If victim is conscious, immediately give a large quantity of water or milk and induce vomiting. Seek medical attention immediately.
If victim is unconscious or in convulsions, do not give anything by mouth. Seek medical attention immediately.

Notes to Physician:
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability of the Product: Not flammable.
Auto-ignition Temperature: Not applicable.
Upper Flammable Limit: Not applicable.
SECTION 5: FIRE-FIGHTING MEASURES

Lower Flammable Limit : Not applicable.
Fire Extinguishing Media : Material is not flammable. Use extinguishing media appropriate for material in surrounding fire.

Special Fire Fighting Procedures : Fire-fighters should wear appropriate personal protective equipment (PPE) and NIOSH-approved self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use water-spray to keep containers cool and to knock down flames.

Unusual Hazard Information : At 1112°F (600°C) sodium sulfite is formed; at 1652°F (900°C) sulfur dioxide is formed.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak / Spill : D-CHLOR is not a regulated product. However, in the event of a spill, wear appropriate protective rubber gloves and boots. Use chemical splash goggles and breathing apparatus if necessary. Collect all spilled material and place in suitable containers for disposal.

Waste Disposal Methods : D-CHLOR is not rated as a hazardous substance by the EPA. Unused material is not rated as a hazardous waste by RCRA. Solid waste can be buried at a licensed waste disposal facility. Collected material can be dissolved in water, using caution as solution may get hot. Neutralize with acid and dispose through wastewater treatment plant (WWTP). Prior approval from plant personnel as well as Local, State and Federal environmental agencies should be obtained before disposal to WWTP. Good ventilation is necessary during neutralization due to release of sulfur dioxide gas.

Environmental Precautions : Prevent waste entry into drains, water courses or the soil. File environmental spill notifications if necessary.

SECTION 7: HANDLING AND STORAGE

Handling Procedures : Wear appropriate personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Do not breathe dust. Do not eat or drink in the work area. Keep away from incompatibles such as oxidizing agents, and acids.

Storage Requirements : Keep product dry and in a tightly closed container when not in use. Store in cool, dry, well-ventilated area, keeping it away from heat sources and/or open flames.

For best results, product should not be stored at temperatures in excess of 80°F. Keep in original container. DO NOT store/transfer/repackage this product in any other container without the approval/authorization of Severn Trent Services, Inc.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines : No exposure limits have been established.

General Product Information : ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product’s components.

Component Exposure Limits : Other Exposure Limits for Potential Decomposition Products:

- Sulfur dioxide: NIOSH REL: TWA 2 ppm (5 mg/m³), STEL 5 ppm (13 mg/m³)
- OSHA PEL: TWA 5 ppm (13 mg/m³)
- ACGIH STEL: TLV 0.25 ppm (0.65 mg/m³)
**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Protective Equipment**
- Eyes and Face: Chemical splash goggles and face shield.
- Hands: Chemical-resistant, impervious gloves (nitrile, neoprene, butyl rubber) should be worn at all times.
- Respiratory Protection: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with NIOSH standard. NIOSH approved dust mask is essential where dusting may occur.
- Other Clothing and Equipment: Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.132 (general requirement), .133 (eye and face protection), and .138 (hand protection).

**Engineering Controls**
- Ventilation Requirements: Ensure adequate ventilation. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated or if there is a release of sulfur dioxide gas.
- Other: Emergency shower and eyewash are recommended.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State: Dry Solid Tablet.
- Color: Pale green solid tablet.
- Odor: Slight sulfur odor; pine fragrance added.
- Boiling/condensation point: Not applicable.
- Flammability properties: The product is not flammable.
- Oxidizing properties: Non-oxidizer, oxygen scavenger.
- Decomposition temperature: 900°C (1652°F)
- Specific gravity of tablet: 2.0 min. (H₂O = 1)
- pH of solution: Alkaline.
- Vapor pressure: Not applicable.
- Vapor density (air = 1): Not applicable.
- Percent volatile by volume: Not applicable.
- Solubility in water: 22% by weight at 80°F (or 26°C).
- Bulk density: 125 lbs/ft³ (2.0 g/cm³).

Note: Exposure to acids will release SO₂ gas.

**SECTION 10: STABILITY AND REACTIVITY**

- Stability: Stable under recommended storage conditions. Product decomposes at approximately 900°C (1652°F) releasing sulfur dioxide gas and hazardous residue.
- Hazardous Decomposition or By-products: Sulfur dioxide, Sulfur oxide, and Sodium sulfide residue. Sulfur dioxide is toxic, corrosive and an oxidizer. Sodium sulfide residue is flammable and a strong irritant to skin.
- Hazardous Polymerization: This product is not known to polymerize.
SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

LD50 (oral, mouse): 820 mg/kg
LD50 (oral, rat): >2,000 mg/kg
LC50 (inhalation, rat): >5.5 mg/L/4 hrs
LC50 (inhalation, rat): >22 mg/L/1 hr

Potential Acute Health Effects

Inhalation: Dust or mist causes irritation to the respiratory tract. Breathing of dust may aggravate asthma or other pulmonary diseases. Symptoms: headache, breathing difficulties, loss of consciousness and cardiopulmonary arrest.

Ingestion: Ingestion may irritate the gastrointestinal tract. Estimated to be moderately toxic. May cause severe allergic reactions in some asthmatics. Large doses may cause violent colic and diarrhea, central nervous depression, and even death.

Eye Contact: Dust or mist may irritate or burn the eyes. Solutions will cause irritation or burns to the eyes.

Skin Contact: Dust or mist may cause skin irritation from prolonged contact. Solutions will cause skin irritation.

Delayed (Subchronic and Chronic) Effects: Sodium sulfite has been demonstrated to be mutagenic in microbial systems; however, it is not mutagenic in studies involving insects and is not considered to present a mutagenic threat to multicell organisms.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity Effects: The following Ecotoxicity data is available for Sodium sulfite.

- Carassius auratus (goldfish), LD50, 96 hrs: 100 mg/L
- Daphnia magna, LC50, 48 hrs: 440 mg/L
- Western Mosquitofish, LC50, 96 hrs: 460 mg/L
- Biochemical Oxygen Demand (BOD): 0.12 lb/tb, instantaneous

Mobility: No data available.
Persistence and degradability: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded?: No
If yes, the RCRA ID number is: Not applicable.
Waste disposal considerations: The generation of waste should be avoided or minimized whenever possible. Follow “Leak and Spill Procedures” outlined in Section 6 of this SDS for neutralizing material before disposal. Disposal of waste material and its container must be in accordance with applicable federal, state, and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION for additional handling and protection of employees.

SECTION 14: TRANSPORT INFORMATION

US DOT ID Number: Not applicable.
Proper Shipping Name: Not applicable.

For additional information on shipping regulations affecting this product, contact the information number provided in Section 1.
SECTION 15: REGULATORY INFORMATION

Country(s) or region          Inventory name          On inventory (yes/no)*
Australia                     AICS                     Yes
Canada                        DSL                      Yes
China                         IECSC                    Yes
Europe                        EINECS                   Yes
Japan                         ENCS                     Yes
Korea                         ECL                      Yes
Philippines                   PICCS                    Yes
United States & Puerto Rico   TSCA 8(b)                 Yes

Note: A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

US Federal Regulations : None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

SARA 302 (EHS TPQ) : There are no specific Threshold Planning Quantities for Sodium sulfite. The default Federal MSDS Submission and Inventory requirement filling threshold of 10,000 lbs (4,500 kg) therefore, applies, per 40 CFR 370.20.

SARA 311/312 MSDS Distribution : Chemical Inventory – Hazard Identification: Sodium sulfite
   Acute (Immediate) Hazard – Yes
   Chronic (Delayed) Hazard – Yes
   Fire Hazard – No
   Reactivity Hazard – No
   Pressure Hazard- No

Clean Air Act                  : Not available.
Clean Water Act                : Not available.

Canadian Federal Regulations : This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS Classification : Class D Division 2 Subdivision B – Toxic material causing other toxic effects.

European Regulations : European Labeling In Accordance with EC Directives

Risk Phrases : This product is not classified according to EU legislation.

SECTION 16: OTHER INFORMATION

Key to Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Industrial Hygienists</td>
</tr>
<tr>
<td>AICS</td>
<td>Australia Inventory of Chemical Substances</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service Registry Number</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response, Compensation and Liability Act</td>
</tr>
<tr>
<td>DSL</td>
<td>Domestic Substance List</td>
</tr>
<tr>
<td>EC</td>
<td>European Commission</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Chemical Substances Information System</td>
</tr>
<tr>
<td>ENCS</td>
<td>Existing and New Chemical Substances</td>
</tr>
<tr>
<td>EU</td>
<td>European Union</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System of Classification and Labelling of Chemicals</td>
</tr>
<tr>
<td>IECS</td>
<td>Inventory of Existing Chemical Substances in China</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration. It is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals.</td>
</tr>
<tr>
<td>LD50</td>
<td>Lethal Dosage. It is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.</td>
</tr>
</tbody>
</table>
NIOSH  National Institute for Occupational Safety and Health
NFPA  National Fire Protection Association
OECD  Organization for Economic Cooperation and Development
OSHA  Occupational Safety and Health Administration
PEL  Permissible Exposure Limit
PICCS  Philippines Inventory of Chemicals and Chemical Substances
PPE  Personal Protective Equipment
REL  Recommended Exposure Limit
SARA  Superfund Amendments and Reauthorization Act
SCBA  Self-contained Breathing Apparatus
SDS  Safety Data Sheet
STEL  Short Term Exposure Limit (15 minutes)
TLV  Threshold Limit Value
TPQ  Threshold Planning Quantity
TSCA  Toxic Substances Control Act
TWA  Time Weighted Average (8 hours)
US DOT  United States Department of Transportation
WHMIS  Workplace Hazardous Information System

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