State of Wisconsin Substance Release Notification Form 04-51-525965

24-Hour Emergency Hotline Number: 1-800-943-0003

Form 4400-91 Rev. 02-2000

Date and Mil. Time of Incident 11:45 AM 30404	**Date and Mil Time Reported** 1:00 PM 30404
Person Reporting/Representing Kristen Polencheck / Fraser Papers	**Phone Number** (715) 762-5375
Responsible Party/Spiller Fraser Papers	**Phone Number** ( ) -
Contact Name Kristen Polencheck	**Phone Number** (715 - 762-5375
Address 200 North First Avenue	**City, State, Zip Code** Park Falls,, WI, 54552

Substance Involved	**Amount & Units Released**	**Amount Recovered**
NALCO 7191 Plus	1/2 Gallon &	1 quart

☒ **Solid** ☐ **Semisolid** ☒ **Liquid** ☐ **Gas** **Color** milky white **Odor**

Exact Location (inc. address, facility name, mileage, bldg. #, etc.)
Incoming water clarifier at Fraser Paper Mill at above address.

City	**County**	**Lat/Long**
Park Falls	Price	
DNR Region NOR	sw ¼ sw ¼ sec Section 13, T 40 **NR** R 1 West **(E/W)**	Weather Conditions

Cause of Incident: Sewer backed up while performing maintenance on incoming water clarifier causing product to puddle on the ground and overflow to the North Fork Flambeau River.

Action Taken By Spiller:
☐ No Action Taken ☐ No Action Needed ☐ Monitor ☒ Cleanup Method: Hydro Vac.

☒ Waste Destination: wastewater treatment plant

☐ Containment

☐ Contractor Hired Name:

☐ Other:

Spilled Substance Impact To:
Check (√) all that apply:
☐ Air ☐ Potential
☒ Soil ☒ Potential
☐ Groundwater ☐ Potential
☒ Surface Water ☒ Potential
Name
☐ Storm Sewer ☐ Potential
☐ Sanitary Sewer ☐ Potential
☐ Concrete/Asphalt ☐ Potential
☐ Private Well ☐ Potential
☐ Contained/Recovered
☐ Other:

Spill Source:
☐ Transportation Accident, Fuel Tank Spill
☐ Transportation Accident, Load Spill
☒ Industrial Facility ☒ Paper Mill ☐ Chemical Co.
☐ Ag Coop/Facility/Food Factory/Facility
☐ Gas/Service Station/Garage/Auto Dealer, Repair Shop
☐ Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler
☐ Public Property (city, state, church, school, etc.)
☐ Utility Co, Power Generating/Transfer Facility
☐ Private Property (home/farm)
☐ Construction,Excavation,Wrecking,Quarry,Mine
☐ Airport Facility, Railroad Facility
☐ Other:

Injuries? ☐ Yes ☒ No **If Yes, how many?**

Has an evacuation occurred? ☐ Yes ☒ No Potential? ☐ Yes ☒ No

Are there any resource damages? ☐ Yes ☒ No ☐ Potential **What Kinds?**

Other Agencies Notified? (√ first column if notified) (√ both columns if on the scene)

☐ ☐ Fire Department	☐ ☐ Local DNR	☐ ☐ EPA
☐ ☐ Local Law Enforcement	☐ ☐ Div. Emer. Mgt.	☐ ☐ Nat'l Resp. Ctr. 800-442-8802
☐ ☐ LEPC or Local Emer. Mgt.	☐ ☐ Coast Guard	☐ ☐ Chemtrec 800-424-9300
☐ ☐ Level A/Level B Team	☐ ☐ DHFS 608-258-0099	☐ ☐ Other

Incident Commander, if known:
Phone:( ) -

Prepared By: (print) Conservation Warden Dan Michels	**(Phone)** (715) 762-4684	**Date:** 03/11/04	**Reported to DATCP** ☐ Yes ☒ No
Person Notified: Dan Michels	**(Phone)** ( ) -	**Date:** 03/04/04	**Time:** 100 PM
Investigated By: (print) Conservation Warden Dan Michels		**(Sign)**	**Incident Closed?** ☒ Yes ☐ No **Date:** 03/11/04

☒ Attachment

Spill Coordinator Signoff:	Date:	Transferred to: ERP ☐ DATCP ☐ Date: Case #	NFA Letter Sent? ☐Yes ☐No Spill Packet Sent? ☐Yes ☐No To:
Norman Jensen	3/11/04		

State of Wisconsin Substance Release Notification Form

24-Hour Emergency Hotline Number: 1-800-943-0003

Form 4400-91 Rev. 9-99

Date and Military Time of Incident:	Responsible Party:
11:45 AM 30404	Fraser Papers

☒ **additional Comments on Following Sheet(s)**

Additional Comments:

Case Activity Report: ☐ Yes ☒ No **CAR #:**	**(Please attach a copy of all CAR and other documentation)**
Enforcement Action: ☐ Yes ☒ No (explain below)	

Explanation: Warden Michels received a voicemail message on his office phone at about 1:00 pm on 03/04/04 from Kristen Polencheck of Fraser Papers. Polencheck advised Michels that a spill of a polymer called NALCO 7191 Plus had occurred at the paper mill and about 1/2 gallon of product went into the river. Polencheck advised Michels that Fraser Papers was in the process of bringing equipment to the site to clean up the remaining product which settled to the river bottom near the bank. On 03/08/04, Polencheck advised Michels that Fraser Papers had recovered about a quart of product along with about 2,000 gallons for river water and disposed of the waste at their waste water treatement plant. Polencheck said there was about 700 cfs of flow in the river at the time of the spill and the remaining product had dilluted into the river prior to clean up proceedures. Polencheck provided a copy of the MSDS sheet to Michels.

MATERIAL SAFETY DATA SHEET

PRODUCT

NALCO 7191 PLUS

EMERGENCY TELEPHONE NUMBER(S)
(800) 424-9300 (24 Hours) CHEMTREC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : **NALCO 7191 PLUS**

APPLICATION : FLOCCULANT

COMPANY IDENTIFICATION : Ondeo Nalco Company
Ondeo Nalco Center
Naperville, Illinois
60563-1198

EMERGENCY TELEPHONE NUMBER(S) : (800) 424-9300 (24 Hours) CHEMTREC

NFPA 704M/HMIS RATING
HEALTH : 0 / 1 FLAMMABILITY : 1 / 1 REACTIVITY : 0 / 0 OTHER :
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

2. COMPOSITION/INFORMATION ON INGREDIENTS

Our hazard evaluation has identified the following chemical substance(s) as hazardous.

Hazardous Substance(s)	CAS NO	% (w/w)
Sodium Chloride	7647-14-5	1.0 - 5.0
Hydrotreated Light Distillate	64742-47-8	15.0 - 30.0
Ethoxylated C10-16 Alcohols	68002-97-1	1.0 - 5.0

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

CAUTION
May cause irritation with prolonged contact. Toxic to aquatic organisms.
Do not get in eyes, on skin, on clothing. ~~Do not take internally.~~ Wear suitable protective clothing. Keep container tightly closed. Water in contact with the product will cause slippery floor conditions. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Protect product from freezing.
Fire or intense heat may cause violent rupture of packages. May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) under fire conditions.

PRIMARY ROUTES OF EXPOSURE :
Eye, Skin

HUMAN HEALTH HAZARDS - ACUTE :

EYE CONTACT :
Can cause moderate irritation.

SKIN CONTACT :
May cause irritation with prolonged contact.

INGESTION :
Not a likely route of exposure. Harmful if swallowed.

INHALATION :
Not a likely route of exposure. Aerosols or product mist may irritate the upper respiratory tract.

SYMPTOMS OF EXPOSURE :
Acute :
A review of available data does not identify any symptoms from exposure not previously mentioned.
Chronic :
A review of available data does not identify any symptoms from exposure not previously mentioned.

AGGRAVATION OF EXISTING CONDITIONS :
A review of available data does not identify any worsening of existing conditions.

HUMAN HEALTH HAZARDS - CHRONIC :
No adverse effects expected other than those mentioned above.

4. FIRST AID MEASURES

EYE CONTACT :
Immediately flush eye with water for at least 15 minutes while holding eyelids open. If irritation persists, repeat flushing. If only one eye is affected be sure to use care not to contaminate the other eye with the run-off. Get immediate medical attention.

SKIN CONTACT :
Immediately wash with plenty of soap and water. Remove contaminated clothing. Wash off affected area immediately with soap and plenty of water. If skin irritation persists, obtain medical attention.

INGESTION :
Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. Get medical attention.

INHALATION :
Remove to fresh air, treat symptomatically. Get medical attention.

NOTE TO PHYSICIAN :
Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. FIRE FIGHTING MEASURES

FLASH POINT : Minimum 212 °F / 100 °C (PMCC)

EXTINGUISHING MEDIA :
Foam, Dry powder, Carbon dioxide, Other extinguishing agent suitable for Class B fires
This product would not be expected to burn unless all the water is boiled away. The remaining organics may be ignitable. Keep containers cool by spraying with water.

FIRE AND EXPLOSION HAZARD :
Fire or intense heat may cause violent rupture of packages. May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING :
In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS :
Spill may be slippery. Notify appropriate government, occupational health and safety and environmental authorities. Do not touch spilled material. Stop or reduce any leaks if it is safe to do so. Eliminate ignition sources.

METHODS FOR CLEANING UP :
Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations). Dike to prevent further movement. Soak up with inert absorbent material.

ENVIRONMENTAL PRECAUTIONS :
This product is toxic to fish. It should not be directly discharged into lakes, ponds, streams, waterways or public water supplies.

7. HANDLING AND STORAGE

HANDLING :
Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labelled. Avoid eye and skin contact. Do not take internally.

STORAGE CONDITIONS :
Store in a cool well ventilated area away from direct sunlight. Store separately from oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS :
Exposure guidelines have not been established for this product. Available exposure limits for the substance(s) are shown below.

ACGIH/TLV :

Substance(s)	
Oil Mist	TWA: 5 mg/m3

OSHA/PEL :

Substance(s)	
Oil Mist	TWA: 5 mg/m3

ENGINEERING MEASURES :
General ventilation is recommended. Local exhaust ventilation may be necessary when this material is heated or a mist is created.

RESPIRATORY PROTECTION :
If significant mists, vapors or aerosols are generated an approved respirator is recommended. Due to its low volatility and toxicity, the hazard potential associated with this material is relatively low.

HAND PROTECTION :
Impervious gloves, PVC gloves

SKIN PROTECTION :
Wear protective overalls, chemical splash goggles and impervious gloves.

EYE PROTECTION :
Wear chemical splash goggles.

HYGIENE RECOMMENDATIONS :
Eye wash station and safety shower are necessary.

HUMAN EXPOSURE CHARACTERIZATION :
Based on our recommended product application and personal protective equipment, the potential human exposure is: Moderate

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Off-white
ODOR	Hydrocarbon

SPECIFIC GRAVITY	1.02 - 1.05 @ 75 °F / 25 °C
DENSITY	8.5 - 8.8 lb/gal
SOLUBILITY IN WATER	Complete
pH (100 %)	3 - 5.5
FREEZING POINT	-4 °F / -20 °C
VOC CONTENT	23 %

10. STABILITY AND REACTIVITY

STABILITY :
Stable under normal conditions.

HAZARDOUS POLYMERIZATION :
Hazardous polymerization will not occur.

CONDITIONS TO AVOID :
High temperatures

MATERIALS TO AVOID :
Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors. Addition of water results in gelling.

HAZARDOUS DECOMPOSITION PRODUCTS :
Under fire conditions: Oxides of carbon, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

No toxicity studies have been conducted on this product.

SENSITIZATION :
This product is not expected to be a sensitizer.

CARCINOGENICITY :
None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION :
Based on our hazard characterization, the potential human hazard is: Low

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL EFFECTS :

The following results are for a 1% aqueous solution.

ACUTE FISH RESULTS :

Species	Exposure	LC50	Test Descriptor
Rainbow Trout	96 hrs	172 mg/l	1% Aqueous Solution of Product
Fathead Minnow	96 hrs	> 1,000 mg/l	1% Aqueous Solution of Product

Rating : Essentially non-toxic

ACUTE INVERTEBRATE RESULTS :

Species	Exposure	LC50	EC50	Test Descriptor
Daphnia magna	48 hrs	77 mg/l		1% Aqueous Solution of Product

Rating : Slightly toxic

PERSISTENCY AND DEGRADATION :

Total Organic Carbon (TOC) : 1,900 mg/l

Chemical Oxygen Demand (COD) : 9,900 mg/l

ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION
Based on our hazard characterization, the potential environmental hazard is: High
Based on our recommended product application and the product's characteristics, the potential environmental exposure is: Moderate

If released into the environment, see CERCLA/SUPERFUND in Section 15.

13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Dispose of in accordance with the Environmental Protection (Duty of Care) Regulations 1991. Dispose of wastes in an approved incinerator or waste treatment/disposal site, in accordance with all applicable regulations. Do not dispose of wastes in local sewer or with normal garbage.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are:

LAND TRANSPORT :

Proper Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

AIR TRANSPORT (ICAO/IATA) :

Proper Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

MARINE TRANSPORT (IMDG/IMO) :

Proper Shipping Name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

15. REGULATORY INFORMATION

NATIONAL REGULATIONS, USA :

OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200 :
Based on our hazard evaluation, the following substance(s) in this product is/are hazardous and the reason(s) is/are shown below.

Sodium Chloride : Eye irritant
Hydrotreated Light Distillate : Combustible
Ethoxylated C10-16 Alcohols : Eye irritant

CERCLA/SUPERFUND, 40 CFR 117, 302 :
Notification of spills of this product is not required.

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) - SECTIONS 302, 311, 312, AND 313 :

SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355) :
This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTIONS 311 AND 312 - MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370) :
Our hazard evaluation has found this product to be hazardous. The product should be reported under the following EPA hazard categories:

X	Immediate (Acute) Health Hazard
-	Delayed (Chronic) Health Hazard
-	Fire Hazard
-	Sudden Release of Pressure Hazard
-	Reactive Hazard

Under SARA 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are: 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SECTION 313 - LIST OF TOXIC CHEMICALS (40 CFR 372) :
This product does not contain substances on the List of Toxic Chemicals., This product contains the following substance(s), (with CAS # and % range) which appear(s) on the List of Toxic Chemicals

TOXIC SUBSTANCES CONTROL ACT (TSCA) :
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

FOOD AND DRUG ADMINISTRATION (FDA) Federal Food, Drug and Cosmetic Act :
When use situations necessitate compliance with FDA regulations, this product is acceptable under : 21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty foods and 21 CFR 176.180 Components of paper and paperboard in contact with dry foods.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15 / formerly Sec. 307, 40 CFR / formerly Sec. 311 :
None of the substances are specifically listed in the regulation.

CLEAN AIR ACT, Sec. 111 (40 CFR 60, Volatile Organic Compounds), Sec. 112 (40 CFR 61, Hazardous Air Pollutants), Sec. 602 (40 CFR 82, Class I and II Ozone Depleting Substances) :
None of the substances are specifically listed in the regulation.

CALIFORNIA PROPOSITION 65 :
This product does not contain substances which require warning under California Proposition 65.

MICHIGAN CRITICAL MATERIALS :
None of the substances are specifically listed in the regulation.

STATE RIGHT TO KNOW LAWS :
None of the substances are specifically listed in the regulation.

NATIONAL REGULATIONS, CANADA :

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) :
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.

WHMIS CLASSIFICATION :
Not considered a WHMIS controlled product.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) :
The substances in this preparation are listed on the Domestic Substances List (DSL), are exempt, or have been reported in accordance with the New Substances Notification Regulations.

16. OTHER INFORMATION

F101804

Due to our commitment to Product Stewardship, we have evaluated the human and environmental hazards and exposures of this product. Based on our recommended use of this product, we have characterized the product's general risk. This information should provide assistance for your own risk management practices. We have evaluated our product's risk as follows:

* The human risk is: Low

* The environmental risk is: Moderate

Any use inconsistent with our recommendations may affect the risk characterization. Our sales representative will assist you to determine if your product application is consistent with our recommendations. Together we can implement an appropriate risk management process.

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

REFERENCES

Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, American Conference of Governmental Industrial Hygienists, OH., (Ariel Insight# CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Hazardous Substances Data Bank, National Library of Medicine, Bethesda, Maryland (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, Geneva: World Health Organization, International Agency for Research on Cancer.

Integrated Risk Information System, U.S. Environmental Protection Agency, Washington, D.C. (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

Annual Report on Carcinogens, National Toxicology Program, U.S. Department of Health and Human Services, Public Health Service.

Title 29 Code of Federal Regulations, Part 1910, Subpart Z, Toxic and Hazardous Substances, Occupational Safety and Health Administration (OSHA), (Ariel Insight# CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Registry of Toxic Effects of Chemical Substances, National Institute for Occupational Safety and Health, Cincinnati, OH, (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

Ariel Insight# (An integrated guide to industrial chemicals covered under major regulatory and advisory programs), North American Module, Western European Module, Chemical Inventories Module and the Generics Module (Ariel Insight# CD-ROM Version), Ariel Research Corp., Bethesda, MD.

The Teratogen Information System, University of Washington, Seattle, WA (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

Prepared By : Product Safety Department
Date issued : 08/15/2001