



Where life interacts with infrastructure.

Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Date of issue: 12/15/2011
Product Name: Nu Flow Potable Water
Part A #700
Product Description: Part A of #7000
Potable Water System
CHEMTREC: 800-424-9300

Manufacturer:
Nu Flow Technologies (2000) Inc.
1010 Thornton Road South
Oshawa, Ontario
L1J 7E2
Phone: 1-800-834-9597 **Fax:** 905-433-9687

SECTION 2: HAZARDOUS INGREDIENTS

| CHEMICAL | CONCENTRATION (wt.%) | LD 50 ROUTE |
|--------------------------|----------------------|-------------|
| IRON OXIDE CAS#1309-37-1 | 5 | N/A |

SECTION 3: HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

DANGER!

MAY CAUSE SKIN AND EYE IRRITATION. MAY CAUSE IRRITATION OF RESPIRATORY TRACT. MAY CAUSE GASTROINTESTINAL IRRITATION.

SKIN CONTACT: MAY CAUSE SKIN IRRITATIONS. NOT CONSIDERED TOXIC SKIN ABSORPTION.

EYE CONTACT: MAY CAUSE EYE IRRITATION.

INHALATION: MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION.

CHRONIC EFFECTS: NONE

OTHER HEALTH:

PRIMARY ROUTES OF EXPOSURE: SKIN, EYE

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: IMMEDIATELY FLUSH WITH SOAP AND WATER AT LEAST 5 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF SKIN RASH OCCURS CONTACT A PHYSICIAN.

EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN IF EYE SHOWS IRRITATION.

INHALATION: MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CONSULT YOUR PHYSICIAN.

INGESTION: (IF MORE THAN 1 OZ) DO NOT INDUCE VOMITING. GIVE A LARGE QUANTITY OF MILK OR WATER. DO NOT GIVE FLUIDS TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Deg F +300°

LFL: Not Determined

AUTOIGNITION TEMP: Not Determined

RECOMMENDED EXTINGUISHING MEDIA: WATER SPRAY, CARBON DIOXIDE (CO₂), FOAM, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES: WHEN FIRE FIGHTING, WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE OR EXPLOSION HAZARDS: MAY PRODUCE HAZARDOUS FUMES OR DECOMPOSITION PRODUCTS UPON COMBUSTION.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IN CASE OF SPILL OR LEAK: USING ADEQUATE PROTECTIVE EQUIPMENT, ADD DRY MATERIAL TO ABSORB SPILL (IF LARGE SPILL, FIRST DIKE TO CONTAIN). PICK UP AND CONTAINERIZE.

SECTION 7: HANDLING AND STORAGE

HANDLING: DO NOT HANDLE OR USE PRODUCT UNTIL SAFETY PRECAUTIONS RECOMMENDED IN THIS DATA SHEET HAVE BEEN READ AND FULLY UNDERSTOOD.

STORAGE: STORE IN DRY AREA BETWEEN 70 DEGREES – 90 DEGREES F (18-32 DEGREES C).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: CHEMICAL GOGGLES

SKIN PROTECTION: RUBBER OR PLASTIC GLOVES

RESPIRATORY PROTECTION: NOT APPLICABLE WITH LOCAL EXHAUST

ENGINEERING CONTROLS: LOCAL EXHAUST

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Red

ODOR: Sweet

PH:

MELTING POINT:

BOILING POINT:

SPECIFIC GRAVITY: 1.17

SOLUBILITY IN WATER: No

PERCENT VOLATILES (by Wt.): 0%

VAPOR DENSITY: Not Determined

VAPOR PRESSURE: Not Determined

EVAPORATION RATE (N-BUTYL ACETATE =1): Not Determined N/A

VOC CONTENT (EPA Method 24): 0.0%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Normally Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: None known

CONDITIONS TO AVOID: HEAT MAY PRODUCE HAZARDOUS FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY PRODUCE HAZARDOUS FUMES OR DECOMPOSITION PRODUCTS UPON COMBUSTION.

SECTION 11: TOXICOLOGY INFORMATION

Not Determined

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Determined

ENVIROMENTAL FATE: Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

This product, if disposed as shipped, is not hazardous waste as specified in 40 CFR 261. Dispose of in an approved landfill in accordance with state and local regulations. DO NOT INCINERATE (EXPLOSION POSSIBLE).

SECTION 14: TRANSPORTATION INFORMATION

NON-HAZARDOUS

SECTION 15: REGULATORY INFORMATION

TSCA INVENTORY STATUS: THIS PRODUCT AND/OR ALL OF ITS COMPONENTS ARE INCLUDED ON THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.

TSCA 12 (B) COMPONENTS: NONE

SARA 311/312 HAZARD CATEGORIES:

SARA 311/312 TOXIC CHEMICALS: NONE

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE

CERCLA HAZARDOUS SUBSTANCES: NONE

CALIFORNIA PROPOSITION 65 COMPONENTS: NONE

SECTION 16: OTHER INFORMATION

| | | |
|--------------------|--------------------|------------------|
| HMIS RATINGS: ____ | FLAMMABILITY: ____ | REACTIVITY: ____ |
| NFPA RATINGS: ____ | FLAMMABILITY: ____ | REACTIVITY: ____ |

THE FOLLOWING INFORMATION IS PROVIDED ON THE LABEL FOR THIS PRODUCT:

ABBREVIATIONS USED:

ND or N/D = Not Determined

NA or N/A= Not Applicable or Not Available

NE or N/E= Not Established

N/AP= Not Applicable

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is made by Nu Flow Technologies (2000) Inc. as to the effects of such use, the results obtained, or the safety

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