

SAFETY DATA SHEET



Date Issued : 01/20/2015
SDS No : FS-860
Date Revised : 05/09/2018
Revision No : 2

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Alcohol Replacement Fountain Solution
PRODUCT CODE: FS-860

MANUFACTURER

Nova Pressroom Products
1663 North McDuff Avenue
Jacksonville, FL 32254
Alternate Contact: (866) 443-5811
Customer Service: (904) 292-2554
Transportation: (800) 424-9300
Fax: 904) 389-6999
E-Mail: info@novapressroom.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Chemtrec (US and Canada) : +1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2A
Skin Irritation, Category 2
Acute Toxicity (Oral), Category 4
Acute Toxicity (Dermal), Category 4
Acute Toxicity (Inhalation), Category 4
Target Organ Toxicity (Repeated exposure), Category 2

Environmental:

Acute Hazards to the Aquatic Environment, Category 3
Chronic Hazards to the Aquatic Environment, Category 3

GHS LABEL



Exclamation
mark



Health
hazard

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H315: Causes skin irritation.
H302 + H312 + H332: Harmful if swallowed, in contact with skin or if inhaled.
H373: May cause damage to organs (Kidney) through prolonged or repeated exposure.
H412: Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.
P270: Do not eat, drink or smoke when using this product.
P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P321: Specific treatment (See First Aid Section on this label).
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor, or physician if you feel unwell.
P330: Rinse mouth.
P312: Call a POISON CENTER/doctor/...if you feel unwell.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P362+P364: Take off contaminated clothing and wash it before reuse.
P314: Get medical advice/attention if you feel unwell.

Disposal:

P501: Dispose of contents/container in accordance with local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Green liquid with mild odor

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Contact may cause skin irritation.

INGESTION: Ingestion may cause irritation to the gastrointestinal tract.

INHALATION: Inhalation may cause irritation to the respiratory tract.

MEDICAL CONDITIONS AGGRAVATED: Significant chronic exposure may aggravate existing eye, skin, auditory (hearing), respiratory system, liver, kidney, and CNS conditions.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2-butoxyethanol	20 - 30	111-76-2
Ethylene Glycol	1 - 10	107-21-1
Proprietary - 10066	< 2	Mixture

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. If irritation persists, seek medical attention.

SKIN: Wash skin with soap and water. If irritation develops or persists, seek medical attention.

INGESTION: Seek immediate medical advice. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove person to fresh air. If breathing becomes difficult, seek medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

EXTINGUISHING MEDIA: Foam, dry chemical; use water spray to cool exposed surfaces. Evacuate area and fight fire from a safe distance if fire is contained in a small area; otherwise, call the local fire department. Fire media runoff may damage the environment. Dike and collect media used to fight fire.

OTHER CONSIDERATIONS: Vapors are heavier than air and may accumulate in low or inadequately ventilated areas. Vapors may travel along the ground to be ignited at locations distant from the handling site. Flashback or flame to the handling site may occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire may produce hazardous fumes.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wear protective gloves and eye protection, and stop the source of the leak or spill if possible. Isolate area of spill with dike, and/or add dry absorbent to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up and place in an appropriate container for disposal. Wash all contaminated clothing before use.

LARGE SPILL: Follow OSHA emergency response regulations and NIOSH recommendations. If possible, stop source of spill or release. Isolate the area of spill or release with dike to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up and place in an appropriate container for disposal. Wash all contaminated clothing before use.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin, or clothing. Avoid breathing mist or vapor. Do not swallow. Wash hands thoroughly after handling. Do not eat, drink, or smoke in work areas. Use only with adequate ventilation.

STORAGE: Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Containers of this material may be hazardous when emptied. Because emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
Chemical Name	EXPOSURE LIMITS		
	Type	ppm	mg/m ³
2-butoxyethanol	OSHA PEL	TWA	50
	ACGIH TLV	TWA	20

ENGINEERING CONTROLS: Good, general ventilation should be sufficient for most operations. Ten or more room air changes per hour containing a minimum of 15% fresh air is recommended.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

SKIN: Gloves impervious to the hazardous ingredients.

RESPIRATORY: If used under normal operating conditions and with adequate ventilation, respiratory equipment is not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild odor

ODOR THRESHOLD: Not Established

APPEARANCE: Clear

COLOR: Green

pH: 3.8

FLASH POINT AND METHOD: > (200°F) CC

FLAMMABLE LIMITS: Not Established to Not Established

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Established

BOILING POINT: (212°F) to (369°F)

FREEZING POINT: Not Established

THERMAL DECOMPOSITION: Not Established

SOLUBILITY IN WATER: 100 %

PARTITION COEFFICIENT: N-OCTANOL/WATER: Not Established

EVAPORATION RATE: Not Established

DENSITY: Not Established

SPECIFIC GRAVITY: 1.06 at (60°F)

Notes: Water = 1.00

VISCOSITY: Not Established

(VOC): 5 lbs/gal USEPA Method 24

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Chemically stable

CONDITIONS TO AVOID: High temperatures, localized heat sources (i.e.: drum or band heaters), oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing, strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers.

HAZARDOUS DECOMPOSITION PRODUCTS: Includes, but not limited to smoke, fumes, oxides of nitrogen, and oxides of carbon.

INCOMPATIBLE MATERIALS: Strong oxidizers, acids, and/or bases.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Ethylene Glycol	4700 mg/kg [Rat]	
Proprietary - 10066	> 2200 mg/kg [Rat]	> 4000 mg/kg [Rat]

ORAL LD₅₀: Not Established

STOT-REPEATED EXPOSURE: Prolonged or repeated exposure to ethylene glycol may cause damage to the kidneys.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not Available

BIOACCUMULATION/ACCUMULATION: Not Available

CHEMICAL FATE INFORMATION: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose materials associated with cleaning spills and/or leaks according to federal, state, and local regulations. If product is contaminated with other printing process products, consult appropriate federal, state, and local regulations to determine proper characterization of resultant mixture.

RCRA/EPA WASTE INFORMATION: None

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: This product does not contain any ingredients subject to the reporting requirements of SARA Title III Section 313 at or above reporting thresholds, unless listed below.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
2-butoxyethanol	20 - 30	111-76-2
Ethylene Glycol	1 - 10	107-21-1

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: This product does not contain any ingredients that are subject to the reporting requirements of SARA Title III Section 302.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Ethylene Glycol	1 - 10	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components of this product are registered on the TSCA inventory.

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: To the best of our knowledge, this product does not contain any ingredients that are subject to the reporting requirements of the Clean Air Act 40 CFR.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D2A Very Toxic Material

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are registered on the DSL inventory.

16. OTHER INFORMATION

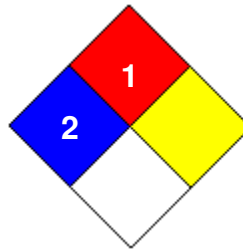
APPROVED BY: HRB **TITLE:** VP Technical Services

PREPARED BY: RAD - EHS Manager **Date Revised:** 05/09/2018

REVISION SUMMARY: This SDS replaces the 12/22/2016 SDS. Revised: **Section 11:** ACUTE (ACUTE, STOT-REPEATED EXPOSURE. **Section 16:** HMIS RATING - CHRONIC NFPA CODES (HEALTH).

HMIS RATING

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES**MANUFACTURER DISCLAIMER:**

The specific chemical identities of some ingredients in this mixture are considered proprietary information and trade secrets. As such they are withheld in accordance with CFR 1910.1200(i) of Title 29.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. Some information may be based on indirect test data.