

SAFETY DATA SHEET



Date issued : 03/16/2015
SDS number : N-4050
Date revised : 08/02/2023
Revision number : 5

1. Identification

Product code: N-4050
Product description: SCAQMD Compliant 1171 UV Wash

Manufacturer / Supplier

Nova Pressroom Products
1663 North McDuff Avenue
Jacksonville, FL 32254

Customer Service: (904) 292-2554

Transportation: (800) 424-9300

Fax: (904) 389-6999

E-Mail: info@novapressroom.com

Emergency telephone number (24 hour)

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

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Acute Toxicity (Oral), Category 4
Eye Corrosion, Category 1
Skin Irritation, Category 2

Physical hazards:

Flammable Liquids, Category 4

Label elements

Flammable Liquid and Vapor



Exclamation
mark



Corrosion

Signal word: DANGER

Hazard statement(s)

H227: Combustible liquid.
H318: Causes serious eye damage.
H315: Causes skin irritation.
H302: Harmful if swallowed.

Precautionary statement(s)

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P241: Use explosion-proof electrical equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

Response:

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.

P330: Rinse mouth.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P302+P352: IF ON SKIN: Wash with plenty of water.

P332+P313: If skin irritation occurs: Get medical advice.

P362+P364: Take off contaminated clothing and wash it before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor

P370+P378: In case of fire: Use dry chemical for extinction.

P233: Keep container tightly closed.

P321: Specific treatment (See First Aid Section on this label).

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

P233: Keep container tightly closed.

Disposal:

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

Emergency overview

Physical appearance: Clear, colorless liquid with mild solvent odor.

Immediate concerns: Can cause eye, skin or respiratory tract irritation. Can cause severe lung damage and may be fatal if swallowed. May cause CNS depression. Combustible. Vapors are heavier than air and may travel across the ground and reach remote ignition sources causing a flashback fire. During emergencies, wear equipment to protect eyes, skin and respiratory tract. Dike or absorb spills to keep material and run-off from entering sewers, drains or waterways.

Potential health effects

Eye: Contact may cause eye irritation.

Skin: Prolonged or repeated contact with liquid can cause defatting and drying of the skin, and can lead to irritation and/or dermatitis.

Skin absorption: May be harmful if absorbed through skin.

Ingestion: May cause nausea, vomiting, diarrhea; possible chemical pneumonitis if aspirated into lungs.

Inhalation: Irritating to the respiratory tract. May cause headache, dizziness, anesthetic effects (CNS depression). Breathing high concentrations in an enclosed space or by intentional abuse can cause irregular heartbeats, which can cause death.

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	% w/w	CAS No.
1,3-dioxolan-2-one, 4-methyl-	50 - 75	108-32-7
2- Butoxyethanol	1 - 10	111-76-2
Alcohol Ethoxylate	1 - 10	

4. First-aid measures

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

Skin: Remove contaminated clothing; launder before re-use. Wash skin with soap and water. If irritation develops or persists, seek medical attention.

Ingestion: Seek immediate medical advice. Do NOT induce vomiting, do NOT drink water.

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

5. Fire-fighting measures

Flammable class: Category 4 - Combustible Liquid

Suitable 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

Precautions for safe 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. Avoid using in areas with open flames, welding arcs, extreme heat or sparks.

Conditions for safe storage: Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Transfer to bonded and grounded containers only. Avoid storage with acids/bases and strong oxidizers. 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 controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
2- Butoxyethanol	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97

Appropriate 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.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses.

Skin protection - hand protection: Gloves impervious to the hazardous ingredients.

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

9. Physical and chemical properties

Physical state: Liquid

Appearance: Clear

Color: None

Odor: Mild solvent odor

pH: NA = Not Applicable

Freezing point: Not Established

Initial boiling point and boiling range: (340°F) to (660°F)

Flash point: ~ (160°F) CC

Evaporation rate (n-butyl acetate = 1): Not Established

Lower explosion limit / flammability limit: Not established

Vapor pressure: 0.004 mmHg at 20°C

Relative vapor density: Not Established

Density: Not Established

Relative density: 1.058 at (77°F)

Notes: Water = 1.00

Solubility: 100% Miscible

Partition coefficient n-octanol/water (logarithmic value): Not Established

Auto-ignition temperature: Not Established

Viscosity: Not Established

VOC content: 0.8 lbs/gal USEPA Method 24

10. Stability and reactivity

Dangerous polymerization: No

Chemical 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

Acute oral toxicity LD₅₀: Not Established

Acute inhalation toxicity LC₅₀: May cause respiratory tract irritation.

12. Ecological information

Ecotoxicological information: Not Available

Persistence and degradability: Not Available

Bioaccumulative potential: Not Available

13. Disposal considerations

Disposal methods: 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: D001 (Ignitable Characteristic)

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Combustible liquid, N.O.S. (Ethylene Glycol Monobutyl Ether)

UN number: 1993

Packing group, if applicable: III

NAERG: 128

DOT other shipping information: for bulk shipments (>119 gallons); less than bulk quantities are not regulated.

ICAO - air

UN proper shipping name: Not Available

IMDG - sea

UN proper shipping name: Not Available

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories


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 Toxic Chemicals

Chemical name	% w/w	CAS No.
2- Butoxyethanol	1 - 10	111-76-2

TSCA (The Toxic Substances Control Act)

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

California Proposition 65:  **WARNING:** This product can expose you to chemicals including [Ethylene Oxide], which is [are] known to the State of California to cause birth defects or other reproductive harm. This product can expose you to chemicals including [Ethylene Oxide], which is [are] known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

CANADA

WHMIS Regulatory Status: Class D2B Toxic Material

WHMIS Classification: Class B Combustible Material

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL): All components of this product are registered on the DSL inventory.

16. Other information

Approved by: DB **Title:** Technical Manager

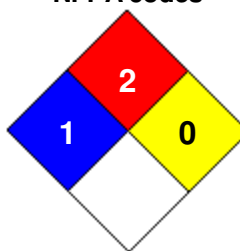
Prepared by: DB **Date revised:** 08/02/2023

Revision summary: This SDS replaces the 07/28/2023 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s). **Section 15:** California Proposition 65.

HMIS rating

Health	*	1
Flammability		2
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.