

Header 5



General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder:

1747159

Procurement Type:

Agency Master Agreement

Vendor ID:

VS0000042984

Legal Name:

RED VEST SUPPLY LLC

Alias/DBA:

Total Bid:

\$36,996.30

Response Date:

08/05/2025

Response Time:

11:23

Responded By User ID:

Redvestsupply

First Name:

Michael

Last Name:

Lackey

Email:

govsales@redvestsupply.com

Phone:

7403577375

SO Doc Code:

ARFQ

SO Dept:

0310

SO Doc ID:

DNR2600000002

Published Date:

7/30/25

Close Date:

8/5/25

Close Time:

13:30

Status:

Closed

Solicitation Description:

Addendum No. 01 - WRS: Open-End
Contract for Formaldehyde

Total of Header Attachments:

5

Total of All Attachments:

5

Modified by batch , 08/05/2025

Navigation

Commodity

Total Lines: 9 Line: 1 Commodity: 12352501 Total Price: \$540.60



Line	Commodity	CL Description	Total Price	Award Date	Requested Contract Amount	Contract Amount
1	12352501	Formaldehyde-UN2209 deliv. to Apple Grove Hatchery	\$540.60			
2	12352501	Formaldehyde-UN2209 deliv. to Bowden Hatchery	\$14,415.20			
3	12352501	Formaldehyde-UN2209 deliv. to Edray Hatchery	\$540.60			
4	12352501	Formaldehyde-UN2209 deliv. to Palestine Hatchery	\$540.60			
5	12352501	Formaldehyde-UN2209 deliv. to Petersburg Hatchery	\$2,010.00			
6	12352501	Formaldehyde-UN2209 deliv. to Reeds Creek Hatchery	\$14,415.20			
7	12352501	Formaldehyde-UN2209 deliv. to Ridge Hatchery	\$1,978.20			
8	12352501	Formaldehyde-UN2209 deliv. to Spring Run Hatchery	\$2,010.00			
9	12352501	Formaldehyde-UN2209 deliv. to Tate Lohr Hatchery	\$545.90			

From 1 to 9 Total: 9

Show Lines: 10 ▼

Export to CSV

General Information **Commodity Information** Specifications Shipping and Handling Line Item Preference

Requested Quantity:

1.00000

Bid Quantity:

1.00000

Requested Unit:

DRUM

Unit:

DRUM

Unit Price:

\$540.60

Delivery Days from Award:

14

Quotation

RED VEST SUPPLY
604 Jett Street
West Portsmouth, OH 45663
Phone (740) 357-7371



DATE 08/05/25
Quotation # ARFQ-0310-
DNR2600000002-1
Customer ID STWV

Quotation For:
STATE OF WEST
VIRGINIA

Quotation valid until: 09-05-2025

Comments or Special Instructions:

Please see attached Safety Data Sheet

SALESPERSON	P.O. NUMBER	LEAD TIME	SHIP VIA	F.O.B. POINT	TERMS
Nikki Baffa		1 - 2 WEEKS			Net 30 Days

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Apple Grove Hatchery 738 Hatchery Lane Gallipolis Ferry, WV 25515	\$ 540.60	\$ 540.60
40	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Bowden Hatchery Rt. 1, Box 80 Elkins WV 26241	\$ 360.38	\$ 14,415.20
1	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Edray Hatchery 753 Woodrow Road Marlinton WV 24954	\$ 540.60	\$ 540.60
1	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Palestine Hatchery 27 Paddlefish Lane Elizabeth WV 26143	\$ 540.60	\$ 540.60
5	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Petersburg Hatchery 126 Grahams Way Petersburg WV 26847-8523	\$ 402.00	\$ 2,010.00
40	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Reeds Creek Hatchery 157 Hatchery Lane Franklin WV 26807-5604	\$ 360.38	\$ 14,415.20
5	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Ridge Hatchery 12051 Valley Road Berkeley Springs WV 25411	\$ 395.64	\$ 1,978.20
5	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Spring Run Hatchery 1988 Spring Run Road, Unit 1 Petersburg, WV 26847-8877	\$ 402.00	\$ 2,010.00
1	EMCO Chemical - Formaldehyde 37% - UN2209 - 55 Gallon Drum - DELIVERED TO: Tate Lohr Hatchery Rt. 4, Box 489 4065 Pigeon Creek Road Princeton WV 24739	\$ 545.90	\$ 545.90

SUBTOTAL	\$ 36,996.30
TAX RATE	0.00%
SALES TAX	\$ 0.00
OTHER	-
TOTAL	\$ 36,996.30

If you have any questions concerning this quotation, contact sales@redvestsupply.com

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: ARFQ DNR26*02

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification. Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | | | |
|-------------------------------------|----------------|--------------------------|-----------------|
| <input checked="" type="checkbox"/> | Addendum No. 1 | <input type="checkbox"/> | Addendum No. 6 |
| <input type="checkbox"/> | Addendum No. 2 | <input type="checkbox"/> | Addendum No. 7 |
| <input type="checkbox"/> | Addendum No. 3 | <input type="checkbox"/> | Addendum No. 8 |
| <input type="checkbox"/> | Addendum No. 4 | <input type="checkbox"/> | Addendum No. 9 |
| <input type="checkbox"/> | Addendum No. 5 | <input type="checkbox"/> | Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Red Vest Supply

Company

Michael Lackey

Authorized Signature

8/5/2025

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

STATE OF WEST VIRGINIA
PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Pursuant to W. Va. Code Rules §81-18-1 *et seq.*, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: RED VEST SUPPLY, LLC

Authorized Signature: [Signature] Date: 7/30/25

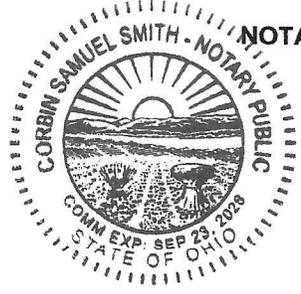
State of Ohio

County of Franklin, to-wit:

Taken, subscribed, and sworn to before me this 30th day of July, 2025.

My Commission expires Sept 23, 2028.

AFFIX SEAL HERE [Signature]





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
04/10/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Coverdash 286 5th Ave New York NY 10001	CONTACT NAME: Coverdash Agents PHONE (A/C. No. Ext): FAX (A/C. No): E-MAIL ADDRESS: agents@coverdash.com
	INSURER(S) AFFORDING COVERAGE INSURER A: THE STANDARD FIRE INSURANCE COMPANY INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER	Y	Y	BIP-2Y472318- 25-42	2025- 04-08	2026- 04-08	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N	N / A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
This certificate was generated automatically by the insured through the Coverdash self service portal.

CERTIFICATE HOLDER West Virginia Correctional Industries 4319 Denmar Rd Hillsboro WV 24946	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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Safety Data Sheet

according to OSHA Hazard Communication
29 CFR Part 1910.1200

EMCO® CHEMICAL
DISTRIBUTORS,
INC.
WWW.EMCOCHEM.COM

SECTION 1. Identification

Product Code 10453

Product Name: Formaldehyde 37%-11%Methanol

Supplied by: EMCO Chemical Distributors, Inc.
8601 95th Street
Pleasant Prairie, Wisconsin 53158
(262) 427-0400
E-Mail: information@emcochem.com

24 hr. Emergency:

CHEMTREC: 1-800-424-9300

International: +1-703-527-3887

NOTE: CHEMTREC emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

SECTION 2. Hazard(s) Identification

***** EMERGENCY OVERVIEW ***:** May be fatal if inhaled. Cancer hazard. Combustible liquid and vapor. Causes serious eye damage. May damage fertility or the unborn child. May harm breast-fed children. Causes damage to organs through prolonged or repeated exposure. Toxic in contact with skin.

GHS Classification

Acute Tox. 2 Inhalation, Carc. 1A, Eye Dam. 1, Flam. Liq. 4, Lact. Effect, Repr. 1A, Resp. Sens. 1, Skin Irrit. 2, Skin Sens. 1, STOT RE 2, STOT SE 1

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

Acute Toxicity, Dermal, category 3	H311	Toxic in contact with skin.
Acute Toxicity, Inhalation, category 2	H330	Fatal if inhaled.
Acute Toxicity, Oral, category 4	H302	Harmful if swallowed.
Carcinogenicity, category 1A	H350	May cause cancer.
Effects on or via lactation	H362	May cause harm to breast-fed children.
Flammable liquid, category 4	H227	Combustible liquid
Reproductive Toxicity, category 1A	H360	May damage fertility or the unborn child.
Respiratory Sensitizer, category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT, repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
STOT, single exposure, category 1	H370	Causes damage to organs.
Serious Eye Damage, category 1	H318	Causes serious eye damage.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P263	Avoid contact during pregnancy/while nursing.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water
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.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor/physician
P310	Immediately call a POISON CENTER/doctor
P320	Specific treatment is urgent (see first aid section on this label).
P321	Specific treatment (see first aid section on this label).
P330	Rinse mouth.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/physician
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use appropriate method to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Formaldehyde	50-00-0	25-50	GHS05-GHS06-GHS08	H227-302-311-315-317-318-330-334-350-360-362-370-373
Methanol	67-56-1	10-25	GHS02-GHS06-GHS08	H225-301-311-331-360-362-370

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

SECTION 4. First-Aid Measures



FIRST AID - EYE CONTACT: Remove contact lenses if worn. Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Retract eyelids often.

FIRST AID - SKIN CONTACT: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse. If sticky, use waterless cleaner first.

FIRST AID - INHALATION: Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5. Fire-Fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Combustible liquid and vapor.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water spray to cool containers or protect personnel. Use with caution. Avoid use of

solid water streams. Do not use water jet (frothing possible). Small fires: Dry chemical, carbon dioxide, water spray or alcohol-resistant foam. Large fires: Water spray, water fog, and alcohol-resistant foam.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Fog

SECTION 6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Stay upwind of spill. Ventilate spill area. Collect spilled materials for disposal. Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) A vapor suppressing foam or water mist/spray may be used to disperse vapors.

SECTION 7. Handling and Storage



HANDLING: Use only in a well ventilated area. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor, fumes or mist. Take precautionary measures against static discharge.

STORAGE: Keep away from heat, sparks, and flame. Keep container closed when not in use. Protect from direct sunlight. Store containers in a cool, well ventilated place. Blanket storage with inert gas.

SECTION 8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Formaldehyde	N.D.	N.D.	N.D.	N.D.
Methanol	200 ppm	250 ppm	200 ppm	N.D.

Personal Protection



RESPIRATORY PROTECTION: Wear a MSHA/NIOSH approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.



SKIN PROTECTION: Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots.



EYE PROTECTION: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).



OTHER PROTECTIVE EQUIPMENT: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



HYGIENIC PRACTICES: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Avoid breathing vapors. Do not eat, drink, or smoke in areas where this material is used.

SECTION 9. Physical and Chemical Properties

Appearance:	Clear liquid	Physical State:	Liquid
Odor:	Typical	Odor Threshold:	N.D.
Density, g/cm³:	1.087	pH:	N.D.
Freeze Point, °F:	N.D.	Viscosity:	N.D.
Solubility in Water:	Soluble	Explosive Limits, vol%:	N.D.
Boiling Range, °F:	210 - 212	Flash Point, °F:	156
Evaporation Rate:	N.D.	Auto-ignition Temp., °F:	N.D.
Vapor Density:	N.D.	Vapor Pressure:	N.D.

(See "Other information" Section for abbreviation legend)

SECTION 10. Stability and Reactivity

STABILITY: No Information

CONDITIONS TO AVOID: Avoid impact, friction, heat, sparks, flame and source of ignition.

INCOMPATIBILITY: Keep away from acids. Prevent contact with strong oxidizing agents. Keep separate from alkalis. Avoid contact with hydrogen peroxide, chromic anhydride, nitric acid, mixed nitric/sulfuric acid, nitrosyl perchlorate, permonosulfuric acids, potassium tert-butoxide, sodium hypobromite, chlorinated melamine. Product reacts with phenol.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gases/fumes are given off during burning or thermal decomposition. During combustion carbon monoxide may be formed. During combustion carbon dioxide may be formed. Combustion can lead to the formation of formaldehyde. Combustion can lead to formation of formic acid.

HAZARDOUS POLYMERIZATION: No Information

SECTION 11. Toxicological Information



Information on Toxicological Effects

Primary Route(s) of Entry: Eye Contact, Ingestion, Inhalation, Skin Contact

EFFECTS OF OVEREXPOSURE - INHALATION: May be fatal if inhaled. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression). Breathing in the material may irritate the mucous membranes of the nose, throat bronchi and lungs. May cause dizziness and drowsiness. Vapors are irritating to the respiratory tract. May cause respiratory sensitization or asthma in susceptible individuals.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material. Personnel with pre-existing skin disorders should avoid contact with this product. Skin absorption may add significantly to the overall toxic effect. Severely irritating to skin and may cause burns. May cause redness and pain. Toxic if in contact with skin.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Symptoms may include stinging, tearing, redness and swelling.

EFFECTS OF OVEREXPOSURE - INGESTION: May be fatal or cause blindness if swallowed. May cause central nervous system depression. May cause severe and permanent damage to mouth, throat and stomach. Contains Methanol which may cause nausea, abdominal pain, vomiting, headache, dizziness, shortness of breathe, weakness, fatigue, leg cramps, restlessness, confusion, drunken behavior, visual disturbances, drowsiness, coma, and death. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: May cause delayed lung damage. Cancer hazard. Possible reproductive hazard. Overexposure may cause kidney damage. May cause liver disorder (e.g., edema, proteinuria) and damage. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes. Material is slowly eliminated from the body, therefore it can have cumulative toxicity effects with repeated exposures. Adverse symptoms may include the following: reduced fetall weight, increase in fetal deaths, skeletal malformations. May cause damage to unborn child. May cause harm to breast-fed children.

Carcinogenicity

<u>CAS-No.</u>	<u>Name</u>	<u>IARC</u>	<u>NTP</u>
7732-18-5	Water	3- Not classifiable as to its carcinogenicity to humans.	Not Listed

50-00-0 Formaldehyde

1- Carcinogenic to humans.

Known to be a human

67-56-1 Methanol

3- Not classifiable as to its carcinogenicity to humans.

carcinogen

Not Listed

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name</u>	<u>Oral LD50, mg/kg</u>	<u>Dermal LD50, mg/kg</u>	<u>Vapor LC50, mg/L</u>
50-00-0	Formaldehyde	800	270	0.578
67-56-1	Methanol	300	>200	>2

SECTION 12. Ecological Information

ECOLOGICAL INFORMATION: No Information

SECTION 13. Disposal Considerations

For more guidance and information contact our Waste Services Division at (262) 658-4000.

Always dispose of any waste in accordance with all local, state, and federal regulations.

DISPOSAL METHOD: Dispose of waste in accordance with all local, state and federal regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Stay upwind of spill. Ventilate spill area. Collect spilled materials for disposal. Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) A vapor suppressing foam or water mist/spray may be used to disperse vapors.

SECTION 14. Transport Information

DOT Proper Shipping Name: Formaldehyde solutions

Packing Group: III

DOT Hazard Class: 8
DOT UN/NA Number: UN2209Hazard SubClass: No Information
Resp. Guide Page: 132**SECTION 15. Regulatory Information****U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Formaldehyde	50-00-0
Methanol	67-56-1

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
Water	7732-18-5

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
Water	7732-18-5

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer.

<u>Chemical Name</u>	<u>CAS-No.</u>
Formaldehyde	50-00-0

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS-No.</u>
Methanol	67-56-1

International Regulations: As follows -

CANADIAN WHMIS:

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class: No Information

SECTION 16. Other Information

Revision Date: 9/12/2017 Supersedes Date: 2/28/2017

Datasheet produced by: EH&S - Regulatory Department

HMIS Ratings:

Health:	3	Flammability:	2	Reactivity:	1	Personal Protection:	X
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Volatile Organic Compounds, gr/ltr: 119

DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL VOC CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING VOC CONTENT AND THAT STANDARDS/ REQUIREMENTS REGARDING VOC CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, EMCO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH VOC STANDARDS/ REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225	Highly flammable liquid and vapor.
H227	Combustible liquid
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H350	May cause cancer.
H360	May damage fertility or the unborn child.
H362	May cause harm to breast-fed children.
H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS05



GHS06



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information and recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS may not be applicable. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.