

SAFETY DATA SHEET
according to 29 CFR 1910.1200 and GHS

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COMPANION™ Cleaner- Disinfectant

Revision 0
Revision date 2017-10-23


SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product name	COMPANION™ Cleaner- Disinfectant
Product code	403291/1
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Cleaner.
1.3. Details of the supplier of the safety data sheet	
Company	Neogen Corporation
Address	620 Lesher Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	regulatorysupport@neogen.com
1.4. Emergency telephone number	
Emergency telephone number	1-800-234-5333

Further information

Hotline Number:	Medical: 1-800-498-5743 (United States and Canada) All other areas (1-651-523-0318). Spill: 1-800-424-9300 (United States and Canada) All other areas (1-703-527-3887).
Manufactured by:	Preserve International 944 Nandino Blvd. Lexington, KY 40511-1205.
Registered By:	Preserve International is a wholly-owned subsidiary of Neogen Corporation.
EPA Registration No.	66171-7.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.2. Classification - GHS	Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Resp. Sens. 1: H334; STOT SE 3: H335; Aquatic Chronic 2: H411;
2.2. Label elements	
Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Sens. 1: H317 - May cause an allergic skin reaction. Acute Tox. 4: H332 - Harmful if inhaled. Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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2.2. Label elements

Precautionary Statement: Prevention	STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
	P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
Precautionary Statement: Response	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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.

2.3. Other hazards

Other hazards	No data is available on this product.
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Further information

	Dilute with water before use.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Nonylphenoxy Polyethoxy Ethanol (Nonoxynol)		127087-87-0			1 - 10%	Acute Tox. 4: H302+H332; Eye Dam. 1: H318; Aquatic Chronic 2: H411;
D-Limonene	601-029-00-7	5989-27-5	227-813-5		1 - 10%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Phosphoric acid...% (Phosphoric acid)	015-011-00-6	7664-38-2	231-633-2		1 - 10%	Skin Corr. 1B: H314;
Alkyl Dimethyl Benzyl Ammonium Chloride		68391-01-5			20 - 30%	Acute Tox. 4: H302; Skin Corr. 1B: H314;
Glutaral (Glutaraldehyde)	605-022-00-X	111-30-8	203-856-5		1 - 10%	Acute Tox. 2: H330; Acute Tox. 3: H301; STOT SE 3; H335; Skin Corr. 1B: H314; Resp. Sens. 1: H334; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 2: H411;
Trisodium N-(hydroxyethyl)-ethylenediaminetriacetate		139-89-9			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
6,6-Dimethyl-2-methylene bicyclo[3.3.3]heptane (Turpentine and selected monoterpenes)		127-91-3	204-872-5		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410;
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		0 - 0.5%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;
7 - methyl - 3 - methylene - 1, 6 - octadiene		123-35-3			0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Eye Irrit. 2: H319;
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	Skin Corr. 1A: H314;

Further information

	The exact percentage (concentration) of composition has been withheld as a trade secret.
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest.
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4.1. Description of first aid measures

Eye contact	Avoid contact with eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed.
Skin contact	Avoid contact with skin. Remove contaminated clothing. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause sensitization by inhalation.
Eye contact	Causes severe burns. Risk of serious damage to eyes.
Skin contact	Causes severe burns. May cause an allergic skin reaction. May cause sensitization by skin contact.
Ingestion	Harmful if swallowed. Causes severe burns.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Heat will increase pressure in sealed containers. Cool fire exposed containers with waterspray. Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	In case of fire and/or explosion do not breathe fumes. Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with skin and eyes. Wear suitable protective clothing and eye/face protection. Wear suitable respiratory equipment when necessary. Wash hands after handling the product. Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow product to enter drains. Do not allow runoff water to enter sewers or drains. Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. Dispose of in compliance with all local and national regulations.
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6.4. Reference to other sections

	See section 2, 8 & 13 for further information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact
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7.1. Precautions for safe handling

with eyes and skin. Wear suitable protective clothing and eye/face protection. Ensure adequate ventilation of the working area. Do not breathe gas/fumes/vapor/spray. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers. Store at temperatures between 20 °C and 25 °C.

7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

Exposure Limit Values

6,6-Dimethyl-2-methylene bicyclo[3.3.3]heptane (Turpentine and selected monoterpenes)	<p>ACGIH TLV TWA: 20 ppm</p> <p>Notations: SEN; A4</p> <p>OSHA PEL 8hr TWA mg m3: -</p> <p>NIOSH REL 10hr TWA ppm: -</p> <p>NIOSH REL 15 min ST ppm: -</p>	<p>ACGIH TLV STEL: -</p> <p>OSHA PEL 8hr TWA ppm: -</p> <p>Skin Designation: -</p> <p>NIOSH REL 10hr TWA mg m3: -</p> <p>NIOSH REL 15 min ST mg m3: -</p>
Glutaral (Glutaraldehyde)	<p>ACGIH TLV TWA: -</p> <p>Notations: SEN; A4</p> <p>OSHA PEL 8hr TWA mg m3: -</p> <p>NIOSH REL 10hr TWA ppm: -</p> <p>NIOSH REL 15 min ST ppm: -</p>	<p>ACGIH TLV STEL: C 0.05 ppm</p> <p>OSHA PEL 8hr TWA ppm: -</p> <p>Skin Designation: -</p> <p>NIOSH REL 10hr TWA mg m3: -</p> <p>NIOSH REL 15 min ST mg m3: -</p>
Phosphoric acid...% (Phosphoric acid)	<p>ACGIH TLV TWA: 1 mg/m³</p> <p>Notations: -</p> <p>OSHA PEL 8hr TWA mg m3: 1</p> <p>NIOSH REL 10hr TWA ppm: -</p> <p>NIOSH REL 15 min ST ppm: -</p>	<p>ACGIH TLV STEL: 3 mg/m³</p> <p>OSHA PEL 8hr TWA ppm: -</p> <p>Skin Designation: -</p> <p>NIOSH REL 10hr TWA mg m3: -</p> <p>NIOSH REL 15 min ST mg m3: -</p>
Sodium hydroxide	<p>ACGIH TLV TWA: -</p> <p>Notations: -</p> <p>OSHA PEL 8hr TWA mg m3: 2</p> <p>NIOSH REL 10hr TWA ppm: -</p> <p>NIOSH REL 15 min ST ppm: -</p>	<p>ACGIH TLV STEL: C 2 mg/m³</p> <p>OSHA PEL 8hr TWA ppm: -</p> <p>Skin Designation: -</p> <p>NIOSH REL 10hr TWA mg m3: -</p> <p>NIOSH REL 15 min ST mg m3: -</p>

8.2. Exposure controls



Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Wear suitable protective clothing.

Eye / face protection

Wear:.. Approved safety goggles.

Skin protection - Hand protection

Wear:.. Chemical resistant gloves.

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8.2. Exposure controls

Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Do not breathe gas/fumes/vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Keep away from food, drink and animal feed and/ or feed products.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Color	No data available
Odor	Characteristic
Odour threshold	No data available
pH	4.5 - 5.25
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

9.2. Other information

Gas group	No data available
Conductivity	No data available
Surface tension	No data available
Specific gravity	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data available.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No data available.
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10.4. Conditions to avoid

	Heat, sparks and open flames. Heat will increase pressure in sealed containers.
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10.5. Incompatible materials

	Oxidizing agents.
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10.6. Hazardous decomposition products

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10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Harmful if swallowed. Harmful if inhaled.
Skin corrosion/irritation	Causes severe burns.
Serious eye damage/irritation	Causes serious eye damage. Causes severe burns.
Respiratory or skin sensitisation	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	No data available.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available.
Aspiration hazard	No data available.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. May cause allergic reactions in susceptible people.

11.1.4. Toxicological information

Alkyl Dimethyl Benzyl Ammonium Chloride	Dermal Rat LD50: 3560 mg/kg	Oral Rat LD50: 430 mg/kg
Glutaral	Dermal Rat LD50: > 2500 mg/kg Inhalation Rat LC50/4 h: 0.48 mg/l	Oral Rat LD50: 134 mg/kg
Nonylphenoxy Polyethoxy Ethanol (Nonoxynol)	Oral Rat LD50: 3980 mg/kg	Inhalation Rat LC50/4 h: 1.15 mg/l
Phosphoric acid...%	Oral Rat LD50: 1530 mg/kg Inhalation Rat LC50/4 h: 212.5 mg/kg	Dermal Rabbit LD50: 2740 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Glutaral	Daphnia EC50/48h: 0.750000 mg/l Rainbow trout LC50/96h: 3.5 mg/l	Algae EC50/72h: 0.61 mg/l
Sodium hydroxide	Fish LC50/96h: 125.000000 mg/l	Rainbow trout LC50/96h: 45.4 mg/l

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Partition coefficient

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No data available

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

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12.6. Other adverse effects

Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

Disposal methods

Contact a licensed waste disposal company.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1903

14.2. UN proper shipping name

DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (DIMETHYLBENZYLAMMONIUM CHLORIDE)

14.3. Transport hazard class(es)

DOT	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group II

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

DOT

Hazard ID	80
Tunnel Category	(E)

IMDG

EmS Code F-A S-B

IATA

Packing Instruction (Cargo) 855

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IATA

Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	<p>Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.</p> <p>All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.</p> <p>US State Regulations: New Jersey Right-to-Know Hazardous Substance List: This material contains no listed components.</p> <p>Pennsylvania Right-to-Know Hazardous Substance List: Pentanedial: Y, Phosphoric acid: Y, Sodium hydroxide: Y.</p>
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15.2. Chemical safety assessment

	No data available.
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Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Nonylphenoxy Polyethoxy Ethanol (Nonoxynol) (Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched)	Y	N	N	N	N	N	N	N	N
D-Limonene (Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-)	Y	N	N	N	N	N	N	N	N
Phosphoric acid...% (Phosphoric acid)	Y	Y	N	N	N	N	Y	N	N
Alkyl Dimethyl Benzyl Ammonium Chloride (Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides)	Y	N	N	N	N	N	N	N	N
Glutaral (Pentanedial)	Y	N	N	N	N	N	N	N	N
Trisodium N-(hydroxyethyl)-ethylenediaminetriacetate (Glycine, N-[2-[bis(carboxymethyl)amino]ethyl]-N-(2-hydroxyethyl)-, trisodium salt)	Y	N	N	N	N	N	N	N	N
6,6-Dimethyl-2-methylene bicyclo[3.3.3]heptane (Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-)	Y	N	N	N	N	N	N	N	N
trisodium nitrilotriacetate (Glycine, N,N-bis(carboxymethyl)-, trisodium salt)	Y	N	N	N	N	N	N	N	N
7 - methyl - 3 - methylene - 1, 6 - octadiene (1,6-Octadiene, 7-methyl-3-methylene-)	Y	N	N	Y	N	N	N	N	N
Sodium hydroxide (Sodium hydroxide (Na(OH)))	Y	N	N	N	N	N	Y	N	N

Further information

FIFRA	<p>This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.</p>
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EPA Registration No.	66171-7.
FIFRA Signal Word	DANGER.
FIFRA Warning	KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtering respirator (MSHA/NIOSH approval number TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3	<p>Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Aquatic Acute 1: H400 - Very toxic to aquatic life.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Acute Tox. 3: H301 - Toxic if swallowed.</p> <p>Acute Tox. 2: H330 - Fatal if inhaled.</p> <p>Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p> <p>Carc. 2: H351 - Suspected of causing cancer .</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p>
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Further information

	<p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p>
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