



Safety Data Sheet

1. Identification

Product Identifier:	NutraSpear Pro Antibacterial Disinfectant Wipes
Other means of identification:	Disinfectant wipes
Recommended use:	Disinfectant
Recommended restrictions:	None
Manufacturer/Supplier:	
Company name:	JDM Technology, Inc.
Address:	20628 Corsair Blvd Hayward, CA 94545
Telephone:	+1.510.792.8880
E-mail:	www.jdmtechusa.com
Emergency phone Number:	CHEMTREC (USA): 800-424-9300

2. Hazard(s) identification

Physical hazards:	Flammable liquids	Category 4
Health hazards:	Serious eye damage/eye irritation	Category 2B
Environmental hazards:	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards:	Not classified	
<u>GHS Label elements:</u>		
Hazard Symbol	None.	
Signal Word	Warning	
Hazard statements	Combustible liquid. Causes eye irritation. Toxic to aquatic life with long last effects.	
<u>Precautionary statements:</u>		
Prevention	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection/face protection.	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media to extinguish.	
Storage	Store in a well-ventilated place. Keep cool.	
Disposal	Dispose of contents/container in accordance with local, state, and federal regulations.	
Hazard(s) not otherwise classified (HNOC):	None.	
Supplemental Information:	Not Applicable.	

3. Composition/information on ingredients

Chemical Name	CAS Number	% by Weight
Tetra sodium EDTA	64-02-8	1 - < 3
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride (Alternate CAS68956-79-6)	85409-23-0	< 0.2
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	< 0.2
Other components below reportable levels		90-100

4. First-Aid Measures

Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Get medical attention if symptoms occur.
Most Important symptoms/effects, acute and delayed:	Exposed individuals may experience eye tearing, redness, and discomfort.
Indication of immediate medical attention and special treatment needed:	If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.
General information:	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

5. Fire-fighting Measures

Suitable extinguishing media:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical:	The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions:	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods:	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards:	Combustible liquid.

6. Accidental Release Measures

Personal precautions, Protective equipment, and emergency procedures:	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
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Methods and materials for containment and cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Environmental precautions:

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

Precautions for safe handling:

Keep away from open flames, hot surfaces, and sources of ignition. When using do not smoke. Avoid contact with eyes. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities:

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F. Keep away from heat, sparks and open flame. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.

8. Exposure controls/personal protection

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Personal Protective Equipment:

Eye/Face protection:

Wear safety glasses with side shields (or goggles).

Skin/hand protection:

Wear protective gloves.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal Hazards:

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations:

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance/Physical State:	Liquid saturated on wipe.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	11.8
Melting point/freezing point	Not available.
Initial boiling point/Boiling point range	Not available.
Flash point	196.6° F (91.4° C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits:	
Flammability limit-lower (%)	Not available.
Flammability limit-upper (%)	Not available.
Explosive limits-lower (%)	Not available.
Explosive limits-upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies): Solubility (water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information: Density	8.38 lbs/gal

10. Stability and Reactivity

Reactivity:	Stable and non-reactive under normal conditions of use, storage, and transport.
Chemical Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Avoid heat, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point. Reacts violently with strong acids. This product may react with oxidizing agents. Do not mix with other chemicals. Contact with incompatible materials.
Incompatible materials:	Acids. Oxidizing agents.
Hazardous decomposition products:	Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

11. Toxicology Information

Information on likely routes of exposure:

Inhalation	Nasal discomfort and coughing.
Skin Contact	Causes mild skin irritation.
Eye Contact	Causes eye irritation, pain, redness and swelling of conjunctiva
Ingestion	Pain, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics: Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicology effects:

Acute toxicity:	Not available.
Skin Corrosion/irritation:	Cause mild skin irritation.
Serious eye damage/eye irritation:	Cause eye irritation.
Respiratory sensitization:	Not available.
Skin sensitization:	This product is not expected to cause skin sensitization.
Germ cell mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
IARC Monographs. Overall Evaluation of Carcinogenicity.	Not listed.
OSHA Specifically Regulated Substances (29 CFR 1910.100-1052)	Not regulated.
US National Toxicology Program (NTP) Report on Carcinogens	Not listed.
Reproductive toxicity:	This product is not expected to cause reproductive or development effects.
Specific target organ toxicity-single exposure:	Not applicable.
Specific target organ toxicity-repeated exposure:	Not applicable.
Aspiration hazard:	Not applicable.

12. Ecological Information

Ecotoxicity:	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Persistence and degradability:	No data is available on the degradability of this product.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal Instructions:	Dispose of contents/container in accordance with local, state, and federal regulations.
Hazardous waste code:	The waste code should be assigned in discussion between the user, the producer, and the waste disposal company.
Waste from residues/unused products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its containers must be disposed of in a safe manner.

Contaminated packaging: Dispose of empty containers in accordance with local, state, federal regulations. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

UN number: NA1993
UN proper shipping name: COMBUSTIBLE LIQUID, N.O.S. (Ethanol)
Transport hazard class(es):
 Class Combustible Liquid.
 Subsidiary risk --
Packing group III
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and IBC code Not available.

15. Regulatory information

US federal regulations:

This product is a US EPA registered pesticide.

EPA Registration Number: 1839-190-96271

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA):

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052) Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance Not listed.
SARA 304 Emergency release notification Not regulated.
SARA 313 (TRI Reporting) Not regulated.

SARA 311/312 Hazardous Chemical Yes
 Classified chemical category: Flammable (gases, aerosols, liquids, or solids)
 Serious eye damage or eye irritation

Clean Water Act (CAA) Section 112 Hazardous Air Pollutants List Not regulated.

Clean Water Act (CAA) Section 112(r) Accidental Release Prevention Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FIFRA Information This chemical is a pesticide product registered by the EPA 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal Word: CAUTION
Hazard Statement: Causes moderate eye irritation.

US state regulations

California Proposition 65:



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

California Proposition 65 – CRT: Listed date/Carcinogenic substance

Acetaldehyde (CAS 75-07-0)

Listed: April 1, 1998

Formaldehyde (CAS 50-00-0)

Listed: January 1, 1988

California Proposition 65 – CRT: Listed date/Development toxin

Ethylene Glycol (CAS 107-21-1)

Listed: June 19, 2015

The components of this product are reported in the following inventories:

United States & Puerto Rico: Toxic Substances Control Act (TSCA) Inventory

Canada: Domestic Substances List (DSL)

16. Other information

Issue Date: 06-07-2021

Version: 1.1

Disclaimer: This SDS is designated only as guidance for safety handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification the product which is applies. The information provided in this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information related only to the specific material designated and may not be valid for such material used in combination with other materials in any process, unless specified in the text.