



SAFETY DATA SHEET

Issuing Date 18-Dec-2020

Revision Date 18-Dec-2020

Revision Number 1

1. Identification

Product identifier

Product Name DetraPel Clean AF Disinfectant - Citrus Fresh

Product Description` Hospital-grade, all-purpose cleaner and disinfectant designed to use on hard, non-porous surfaces. It is formulated to disinfect hard, non-porous, and inanimate surfaces.

Other means of identification

Product Code DT-2230-200

EPA Establishment Number 95979-MA-1

EPA Registration Number 1839-83-95979

Synonyms DetraPel Clean AF Disinfectant - Citrus Fresh - 6.8oz

Recommended use of the chemical and restrictions on use

Recommended use Broad-spectrum Disinfectant

Restrictions on use None Known

Details of the supplier of the safety data sheet

Supplier Address

DetraPel Inc.
92 Blandin Ave
Framingham, MA 01702
617-514-7777

E-mail info@detrapel.com

Emergency telephone number

Emergency Telephone Call CHEMTREC 24 Hours
1-800-424-9300 / +1 703-527-3887

2. Hazard(s) identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Physical Hazards

Gases under pressure	Compressed gas
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Health Hazards

Serious eye damage/eye irritation	Category 2B
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Environmental Hazards

Hazardous to the aquatic environment, acute hazard	Category 2
Hazardous to the aquatic environment, long-term hazard	Category 3

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Signal Word: Warning

Hazard statements

Contains gas under pressure; may explode if heated. Causes eye irritation. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.



Precautionary Statements

Prevention - Protect from sunlight. Store in a well-ventilated place

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.

Storage - Protect from sunlight. Store in a well-ventilated place

Disposal - Protect from sunlight. Store in a well-ventilated place

Other information

None Known

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Synonyms

DetraPel Clean AF Disinfectant - Citrus Fresh - 6.8oz

Chemical name	CAS No	Weight-%	Common Name
Diethylene glycol monobutyl ether	112-34-5	8	
Tetra sodium ethylenediamine tetra acetic acid (Na4 EDTA)	64-02-8	1.6	
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0 or 68956-79-6	0.11	
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	0.11	
Other components below reportable levels		90.1901	

4. First-aid measures

Description of first aid measures

Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth - to - mouth if possible. Call a poison control center or doctor for treatment advice.
Eye contact	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
Skin contact	Rinse skin immediately with plenty of soap & water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice
Ingestion	Rinse mouth. Get medical attention if symptoms occur

Most important symptoms and effects, both acute and delayed

Symptoms Exposed individuals may experience eye tearing, redness, and discomfort

Indication of any immediate medical attention and special treatment needed

Note to physicians If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately

5. Fire-fighting measures

Suitable Extinguishing Media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Wait until leaking of 'air' from bottles has stopped to extinguish. During fire, gases hazardous to health may be formed.
Explosion data	
Sensitivity to mechanical impact	Yes.
Sensitivity to static discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Contents under pressure.

Methods and material for containment and cleaning up

Methods for containment Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. 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.

Methods for cleaning up

Small Spills: Use absorbent and place in compatible chemical container for disposal. Small spills can be flushed with large amounts of water.
 Large Spills: Wear appropriate protective clothing. Halt spill at source, dike and contain spill. Dispose of in accordance with federal, state, and local regulations.

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

Advice on safe handling Contents under pressure. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place no lower in temperature than 50°F or higher than 120°F. Protect from sunlight. Keep from freezing. Do not contaminate water, food, or feed by storage disposal. Spilled material is slippery. PESTICIDE.

8. Exposure controls/personal protection

Control parameters

Exposure Limits The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	Type	Value	Form
Diethylene glycol monobutyl ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor

Biological limit values No biological limits noted for the ingredient(s).

Appropriate Engineering controls Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear approved safety glasses or goggles with unperforated sideshields or faceshield when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Skin and body protection Wear long sleeves and long pants when handling chemical products if a risk assessment indicates this is necessary.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations 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

Information on basic physical and chemical properties

Appearance Air powered piston-based continuous spray

Physical state	Aerosol
Color	Water-Clear
Odor	None to no odor
Odor threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.7	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	None known
Flash point	> 201.0 °F (> 93.9 °C) Pensky-Martens Closed Cup	None known
Evaporation rate	No information available	Butyl Acetate = 1
Flammability (solid, gas)	No information available	
Flammability Limit in Air	No information available	None known
Upper flammability or explosive limits	Not applicable	
Lower flammability or explosive limits	Not applicable	
Vapor pressure	22.3 mm Hg	None known
Vapor density	0.02 lb/ft ³	None known
Relative density	1.00 g/cm ³	None known
Water solubility	Completely miscible	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	Not applicable	
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	Water-like	

Other information

Explosive properties	No information available.
Oxidizing properties	No information available.
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Liquid Density	8.38 lbs/gal
Bulk density	No information available

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong acids, alkalies and 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. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Eye contact	Causes eye irritation.

Skin contact Causes mild skin irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Exposed individuals may experience eye tearing, redness, and discomfort.

Acute toxicity

Numerical measures of toxicity

IARC / NTP / OSHA: This product contains no ingredients listed as a carcinogen in quantities greater than or equal to 0.1%.

Component Information

Acute Test	Type	Oral LD50	Inhalation LC50
LD50	Dermal	Rabbit	> 5 g/kg
LC50	Inhalation	Rat	> 2.43 mg/l
LC50	Oral	Rat	> 5 g/kg

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Causes mild skin irritation.

Serious eye damage/eye irritation Causes eye irritation.

Respiratory or 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.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard None of the ingredients are known to be an aspiration hazard.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	log Kow	Fish	Algae/aquatic plants	Crustacea
Diethylene glycol monobutyl ether	0.56	-	-	-

Persistence and degradability	Expected to be readily biodegradable.
Bioaccumulation	There is no data for this product.
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

13. Disposal considerations

Disposal Instructions	PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
Container Disposal	Do not reuse or refill container. Clean container promptly after emptying.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

Note: This product is covered by DOT Special Permit # SP-20673. Manufacture, shipping and reshipping must follow the terms in that document. Marking and Shipping Paper requirements may be added by that document. A copy of that document may need to accompany the shipment and/or be retained by the manufacturer, shipper or re-shipper. Shipping container must contain "contents under pressure" label.

DOT

UN/ID no	UN1950
Proper shipping name	AEROSOLS
Hazard class	2.2
DOT Marine Pollutant	NP
Description	UN1950, AEROSOLS, 2.2
Emergency Response Guide Number	126

IATA

UN number	UN1950
UN proper shipping name	Aerosols, non-flammable
Transport hazard class(es)	2.2
ERG Code	2L
Special Provisions	A145, A167, A98, A802
Description	UN1950, Aerosols, non-flammable, 2.2

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	2.2
EmS-No	F-D, S-U
Marine pollutant	NP
Special Provisions	63,190, 277, 327, 344, 381, 959
Description	UN1950, AEROSOLS, 2.2

15. Regulatory information

International Inventories

TSCA All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

This product meets EPCRA 311/312 Tier reporting criteria at 40 CFR 370, as a Hazardous chemical. refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

FIFRA Information

This chemical is a pesticide product registered by the 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, 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. This pesticide is toxic to fish.

US State Regulations

California Proposition 65

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. 1,4-dioxane (CAS 123-91-1), 1,4 - Acetaldehyde (CAS 75-07-0), Ethylene Glycol (CAS 107-21-1).

U.S. State Right-to-Know Regulations

This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right - To - Know Act of 1986 (40CFR372).

U.S. EPA Label Information

EPA Pesticide Registration Number 1839-83-95979

16. Other information

NFPA	Health hazards	1	Flammability	0	Instability	0	Physical and chemical properties	-
HMIS	Health hazards	1	Flammability	0	Physical hazards		Personal protection	X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA Ceiling	TWA (time-weighted average) Maximum limit value	STEL *	STEL (Short Term Exposure Limit) Skin designation
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Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 Japan GHS Classification
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet