



Safety Data Sheet (SDS)

Date Prepared/Revised: 9/18/23 Version no.: 04 Supersedes: (9/18/19)

1. Identification of the Mixture and of the Company

Product identifier: **Aervoe Hand-y Cleaning & Hand-y Pro Towels - Bulk**

Product name:

5021 Hand-y Cleaning Towels

5025 Hand-y Pro Towels

Relevant identified uses of the substance: Cleaning uses include tools, equipment, plastics, metals, hands, painted surfaces, vinyls, work surfaces, etc.

Uses advised against: Always test product on acrylics, vinyl and sensitive surfaces, in a small hidden area before use.

CAS No:	Not Applicable (mixture)
EC No:	Not Applicable (mixture)
Index No:	Not Applicable (mixture)
Manufacturer/Supplier:	Aervoe Industries Incorporated
Street address/P.O. Box:	1100 Mark Circle
Country ID/Postcode/Place:	Gardnerville, Nevada 89410
Telephone number:	1-775-782-0100
e-mail:	mailbox@aervoe.com
National contact:	Aervoe Industries Incorporated
For Product Information:	1-800-227-0196
Emergency telephone number:	1-800-424-9300 (CHEMTREC – 24 hrs)

2. Hazards identification

Classifications

Physical Hazards: N/AV

Health Hazards: Eye Irritation 2
Skin Sensitization 1

Environmental Hazards: N/AV

Labeling

Signal Word: Warning

Hazard Statements: H317 – May cause an allergic skin reaction.
H319 – Causes serious eye irritation.

Precautionary Statements:

P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 – Contaminated work clothing should not be allowed out of the workplace.



Safety Data Sheet (SDS)

Date Prepared/Revised: 9/18/23 Version no.: 04 Supersedes: (9/18/19)

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention.
P501 – Dispose of contents/container to an approved waste disposal plant.



Symbols/Pictograms:

3. Composition / Information on Ingredients

Composition

Chemical Name	CAS No	Weight %
Proprietary Fragrance	Proprietary	<2
Proprietary Emulsifying Agent	Proprietary	<2

Other Product Information

Chemical Identity: Mixture

4.) First Aid Measures

General Advice: If symptoms persist, always call a doctor.

Inhalation First Aid: Remove victim to fresh air and provide oxygen if breathing is difficult. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention immediately.

Skin Contact First Aid: If skin irritation occurs, rinse affected area with water.

Eye Contact First Aid: If contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. Get medical attention immediately.

Ingestion First Aid: If swallowed, wash out mouth with water provided the person is conscious. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Most Important Symptoms/Effects: Exposure may cause slight irritation to the skin, eyes, and respiratory tract. Excessive exposure may cause central nervous system effects.

5. Fire Fighting Measures

Flammable Properties: Non-flammable



Safety Data Sheet (SDS)

Date Prepared/Revised: 9/18/23 Version no.: 04 Supersedes: (9/18/19)

Auto Ignition Temperature: Not Available
 Suitable extinguishing media: Carbon dioxide, dry chemical, water spray.
 Unsuitable extinguishing media: None known
 Special hazards arising from the substance or mixture: None known
 Hazardous combustion products: Carbon dioxide, Carbon monoxide
 Fire & Explosion Hazards: Product will not burn.
 Precautions for fire-fighters: Use water spray to cool containers exposed to heat or fire to prevent pressure build up. In the event of a fire, wear full protective clothing and NIOSH- approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONARY MEASURES:

- 1) Use personal protective equipment as required.
- 2) See section 12 for additional Ecological information

SPILL CLEAN-UP PROCEDURES:

- 1) Prevent further leakage or spillage if safe to do so.
- 2) Was spill area with plenty of water. Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling:

Avoid breathing vapors or mists. Contaminated work clothing must not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities:

Keep containers tightly closed in a dry, cool, and well-ventilated place. Do not remove or deface label. Store containers upright. No known incompatible materials based on information as supplied.

8. Exposure Controls / Personal Protection

Appropriate engineering controls:

Ensure adequate ventilation.

Personal Protection:

Use person protective equipment as required.

Skin protection

No protective equipment is needed under normal use conditions.

Respiratory protection:

Use only in an adequately ventilated area.

Hazardous Ingredient	CAS Number	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL PEL	OSHA PEL (STEL)



Safety Data Sheet (SDS)

Date Prepared/Revised: 9/18/23 Version no.: 04 Supersedes: (9/18/19)

				(TWA)	
NO REPORTABLE QUANTITIES OF INGREDIENTS ARE PRESENT.					

*Values are based on the 2019 Guide to Occupational Exposure Values by ACGIH

9. Information on Basic Physical and Chemical Properties

Appearance: White paper towel saturated with a cleaning solution	Odor: Citrus
Odor Threshold: N/AV	pH: 6.4
Melting Point: N/AV	Freezing Point: N/AV
Initial Boiling Point: N/AV	Boiling Point Range: N/AV
Flash Point: No flash point	Evaporation Rate: Slower than Ether
Flammability Solid/Gas: Non-flammable	Upper LEL: N/AV Lower LEL: N/AV
Vapor Pressure: N/AV	Vapor Density: Heavier Than Air
Relative Density: 1.003	Solubility: Negligible
Partition Coefficient: n-octanol/ water: N/AV	Auto-ignition Temperature: N/AV
Decomposition Temperature: N/AV	Viscosity: N/AV
Explosive Properties: N/AV	Oxidizing Properties: N/AV

10. Stability & Reactivity

Possibility of hazardous reactions: Hazardous polymerization will not occur under normal conditions
 Chemical stability: Stable under normal conditions
 Conditions to avoid: Heat and ignition sources
 Incompatible materials: None known based on information supplied
 Hazardous decomposition products: Will not occur

11. Toxicological Information

Routes of exposure:	Eyes, skin, ingestion, and/or inhalation
Acute toxicological data:	Fragrance: LD50 = 4400 mg/kg (Rat, Oral) = >5 g/kg (Rabbit, dermal) Emulsifying agent = 1900 mg/kg (Rat, Oral) = 10000 mg/kg (Rabbit)
Eye irritation data:	Causes serious eye irritation
Skin irritation/sensitization/absorption data:	May cause an allergic skin reaction



Safety Data Sheet (SDS)

Date Prepared/Revised: 9/18/23 Version no.: 04 Supersedes: (9/18/19)

Inhalation data: Avoid breathing vapors or mists

Ingestion: Do not taste or swallow

Reproductive toxicity data: N/AV

Mutagenicity data: N/AV

Symptoms associated with physical contact: N/AV

Known reportable carcinogens via the following agencies:

NTP: N/AV
IARC: Group 3
OSHA: X

12. Ecological Information

Eco toxicity: **Harmful to aquatic life with long lasting effects**

Chemical Name	Fish	Crustacea
Fragrance	0.619 – 0.796: 96h Pimephales promelas mg/: LC50 flow through 35: 96 h Oncorhynchus mykiss mg/L LC50	
Emulsifying agent	20 – 40: 96 h Oncorhynchus mykiss mg/L LC50 semis-static 24: 96 h Oncorhynchus mykiss mg/L LC50 static 37: 96 h Lepomis macrochirus mg/L LC50 static	36: 48 h Daphnia Magna MG/L EC50

Persistence and degradability: **No Data Available**

Bioaccumulative potential: **No Data Available**

Mobility in soil: **No Data Available**

Results of PBT and vPvB assessment: **No Data Available**

Other adverse effects: **No Data Available**

13. Disposal Considerations

Waste Disposal: Dispose of material in accordance with EU, national and local requirements. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permitted under applicable rules, regulations and/or laws governing your location.

Product / Packaging disposal: Dispose of packaging in accordance with federal, state and local requirements, regulations and/or laws governing your location.

14. Transportation Information

US DOT

UN Number	Proper Shipping Name	Hazard Class	Packing Group	Marine Pollutant	Special Provisions
Not	Non Regulated	Not	Not	Not	Reference 49



Safety Data Sheet (SDS)

Date Prepared/Revised: 9/18/23 Version no.: 04 Supersedes: (9/18/19)

Applicable	Material	Applicable	Applicable	Applicable	CFR 172.101
------------	----------	------------	------------	------------	-------------

IMDG

UN Number	Proper Shipping Name	Hazard Class	Packing Group	Marine Pollutant	Special Provisions
Not Applicable	Non Regulated Material	Not Applicable	Not Applicable	Not Applicable	Reference IMDG code part 3

IATA:

UN Number	Proper Shipping Name	Hazard Class	Packing Group	Marine Pollutant	Special Provisions
Not Applicable	Non Regulated Material	Not Applicable	Not Applicable	Not Applicable	Reference IATA Dangerous Goods Regulation

15. Regulatory Information

Workplace classification:

This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). The Occupational Safety and Health Administration's interpretation of the product's hazard to workers.

SARA Title 3:

Section 311/312 Categorizations (40 CFR 372): This product is a hazardous chemical under 29 CFR 1910.1200, and is categorized as an immediate and delayed health, and flammability physical hazard. Superfund Amendment and Reauthorization Act (SARA) category. SARA requires reporting any spill of any hazardous substance.

TSCA status: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

WHMIS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the (M)SDS contains all of the information required by the CPR.

16. Other Information

This SDS has been completed in accordance with GHS Rev04 (2011): U.S OSHA, CMA, ANSI, Canadian WHMIS standards, and European Directives.

Date of Preparation/Revision: 9/18/23
Supersedes: (9/18/19)

To the best of our knowledge, the information contained herein is believed to be accurate. However, the above data does not imply any guarantee or warranty of any kind, expressed or implied. The final determination of the suitability of any material is the sole responsibility of the user. All materials made



Safety Data Sheet (SDS)

Date Prepared/Revised: 9/18/23 Version no.: 04 Supersedes: (9/18/19)

present un-known hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards existing.