

Issue Date: 26/05/2009
Last Revision Date: 05/10/2023
Superseded Date: 15/04/2021
Version Number: 05

SAFETY DATA SHEET

Product Code: DETWIP200

PAGE 1 OF 4

SECTION 1 PRODUCT IDENTIFICATION

Product Name: Liv-Wipe Detergent Wipes
Product Description: Liv-Wipe Detergent Wipes, Alcohol-Free, Non-woven
Product Uses: Detergent based wipes for cleaning and disinfecting surfaces

SECTION 2 HAZARD IDENTIFICATION

Not classified as hazardous according to NOHSC/ASCC Criteria

Not classified as dangerous goods by the criteria of the ADG Code

Emergency Overview: This material when properly handled according to good working and hygienic practices is not dangerous to human health and the environment at ambient temperature.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.
Surfac HT20 (POE/POP block copolymer) HT20	N/A
EDTA Disodium Salt (EDTA di NA)	139-33-3
Polyhexamethylene Biguanide	32289-58-0
Bronopol	52-51-7
Benzalkonium Chloride	8001-54-5
Phenoxyethanol (SY-PHP)	122-99-6
Mono-propylene Glycol	57-55-6
Water	7732-18-5

SECTION 4 FIRST AID MEASURES

Eye Contact: Wash with plenty of water. If irritation persists, seek medical attention.
Skin Contact: If irritation persists, seek medical advice.
Inhalation: Not applicable.
Ingestion: Do not induce vomiting unless directed to do so by medical personnel seek medical advice.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing media most appropriate for the surrounding fire. Use water fog/fine spray, carbon dioxide, dry chemical or foam. Alcohol resistant foams are preferred if available.
Fire and Explosion Hazards: No usual hazards identified.
Special Protective: In confined spaces, fire fighters should wear a self contained
Equipment: breathing apparatus (SCBA) which meets appropriate standards operated in positive pressure mode, and full turnout gear.

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 26/05/2009
 Last Revision Date: 05/10/2023
 Superseded Date: 15/04/2021
 Version Number: 05

SAFETY DATA SHEET

Product Code: DETWIP200

PAGE 2 OF 4

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not ingest. Avoid contact with eyes.
Environmental Precautions: Do not flush.
Measure in Case of Spillage: Collect the spill in containers and dispose safely. (See Section 13 for Disposal Consideration)

SECTION 7 HANDLING AND STORAGE

Handling: Handle the product in accordance with directions for use. No special precautions required.
Storage Conditions: Store in a cool and dry place, out of reach of children. Keep protected from sunlight. Ensure re-sealable labeled items are tightly closed when not in use. Avoid freezing.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Not required under normal condition of use.
Respiratory Protection: Dust respirator is recommended when conditions exceeded exposure limits.
Hand/Skin Protection: Not to be apply on wounds.
Eye/Face Protection: Wear safety goggles to avoid eye contact.
Hygiene Measures: Practice good workplace hygiene. Do not eat or smoke when handling. Wash hands after use and before eating.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance and Odour: Solid, white and odorless
pH (as supplied): 6.0-8.0
Solubility in Water: Insoluble
Viscosity: Not applicable
Specific Gravity: No data available
Boiling Point: 100 °C (212 °F)
Freezing Point: No data available
Test Standard and Findings:

Text Index	Standard Value	Test Result	Assessment
Bacterium colony total cft/g	≤200	<10	Up to grade
Coliform bacterial	Undetected	Undetected	Up to grade
Fongus colony total cft/g	≤100	<10	Up to grade
Bacillus aeruginosus	Undetected	Undetected	Up to grade
Staphylococcus aureus	Undetected	Undetected	Up to grade
Heat Resistance	40±1 °C, keep previous condition after resume room temperature	Heat resistance stabilization	Up to grade
Low-temperature resistance	-5~15 °C, keep previous condition after resume room temperature	Low-temperature resistance stabilization	Up to grade

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 26/05/2009
 Last Revision Date: 05/10/2023
 Superseded Date: 15/04/2021
 Version Number: 05

SAFETY DATA SHEET

Product Code: DETWIP200

PAGE 3 OF 4

Text Index	Standard Value	Test Result	Assessment
Wet tensile strength of non-woven	≥30N/M	1078N	Up to grade
Content of essence	1.8-5 times of the weight of the non-woven	3.4 times	Up to grade
Quantity of non-woven	≥-2%	The same to the one it signs	Up to grade
pH (25 °C)	6.0~8.0	7	Up to grade

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable at normal conditions of storage and handling.
Hazard Decomposition Products: No data available.
Condition to Avoid: Avoid freezing.
Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

No data available.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: May affect the pH of water for aquatic systems.
Degradability: Most of the components are degradable.

SECTION 13 DISPOSAL CONSIDERATIONS

The product and its packaging must be disposed of in accordance with the local and national regulations.

Disposal/Product: Containing environmentally safe mixture.
Disposal/Contaminated Package: Packaging should be disposed off.

SECTION 14 TRANSPORT INFORMATION

This product is not classified as dangerous good under transport regulations.

UN No.: N/A **DG Class:** N/A
Packaging Group: N/A **Hazchem Code:** N/A

SECTION 15 REGULATORY INFORMATION

No other information

Issue Date: 26/05/2009
Last Revision Date: 05/10/2023
Superseded Date: 15/04/2021
Version Number: 05

SAFETY DATA SHEET

Product Code: DETWIP200

PAGE 4 OF 4

SECTION 16 OTHER INFORMATION

Reason for revision: To bring to date

END OF SDS

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.