SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Version 7.0
Revision Date 19.12.2025
Print Date 28.07.2026

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1 Product identifiers

Product name : NAVAL PATCH TEST KIT

Product Number : XX6504700
Catalogue No. : 6A4668
Brand : Millipore
REACH No. : This product is a mixture. REACH Registration Number see section 3.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Biochemical research/analysis

1.3 Details of the supplier of the safety data sheet

Company : Merck Life Science S.A.S
80 Rue de Luzais
F-38297 SAINT QUENTIN FALLAVIER CEDEX

Telephone : +33 (0)1 85 16 94 34
E-mail address : servicetechnique@merckgroup.com

1.4 Emergency telephone number

Emergency Phone # : +33 (0)9 75 18 14 07 (CHEMTREC)
+33 (0)1 45 42 59 59 (I.N.R.S.)

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable solids, Category 1	H228: Flammable solid.
Endocrine disruptor for environment, Category 1	EUH430: May cause endocrine disruption in the environment.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

The life science business of Merck operates as MilliporeSigma in the US and Canada

Hazard pictograms :



Signal word : Danger

Hazard statements :

H228	Flammable solid.
EUH430	May cause endocrine disruption in the environment.

Precautionary statements :

Prevention:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273	Avoid release to the environment.

Response:

P391	Collect spillage.

Storage:

P405	Store locked up.

Disposal:

P501	Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

MCE 5.0UM WH PL 25MM 100/PK
MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 47 mm, white, plain

Reduced Labelling (<= 125 ml)

Hazard pictograms :



Signal word	Danger
Hazard Statements	
EUH430	May cause endocrine disruption in the environment.
Precautionary Statements	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P391	Collect spillage.

The life science business of Merck operates as MilliporeSigma in the US and Canada

P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.
Supplemental Hazard Statements	none

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: This substance/mixture contains components considered to have endocrine disrupting properties for environment , according to REACH Article 57(f), Commission Regulation (EU) 2018/605 or Commission Delegated Regulation (EU) 2017/2100.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS

SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on protection against fire and explosion	:	Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.
Hygiene measures	:	Change contaminated clothing. Wash hands after working with substance.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions	:	Tightly closed. Keep away from heat and sources of ignition. Keep locked up or in an area accessible only

The life science business of Merck operates as MilliporeSigma in the US and Canada

to qualified or authorised persons.

Storage class (TRGS 510)	:	4.1B, Flammable solid hazardous materials
Further information on storage stability	:	Recommended storage temperature see product label.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

SECTION 13: Disposal considerations

Refer to component SDS

SECTION 14: Transport information

14.1 UN number or ID number

ADR	:	UN 3270
IMDG	:	UN 3270
IATA	:	UN 3270

14.2 UN proper shipping name

ADR	:	NITROCELLULOSE MEMBRANE FILTERS
IMDG	:	NITROCELLULOSE MEMBRANE FILTERS
IATA	:	Nitrocellulose membrane filters

The life science business of Merck operates as MilliporeSigma in the US and Canada

14.3 Transport hazard class(es)

		Class	Subsidiary risks
ADR	:	4.1	
IMDG	:	4.1	
IATA	:	4.1	

14.4 Packing group

ADR

Packing group	:	II
Classification Code	:	F1
Labels	:	4.1
Tunnel restriction code	:	(E)

IMDG

Packing group	:	II
Labels	:	4.1
EmS Code	:	F-A, S-I

IATA (Cargo)

Packing instruction (cargo aircraft)	:	458
Packing instruction (LQ)	:	Y458
Packing group	:	II
Labels	:	Division 4.1 - Flammable solids

IATA_P (Passenger)

Packing instruction (passenger aircraft)	:	458
Packing instruction (LQ)	:	Y458
Packing group	:	II
Labels	:	Division 4.1 - Flammable solids

14.5 Environmental hazards

ADR

Environmentally hazardous	:	no

IMDG

Marine pollutant	:	no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

The life science business of Merck operates as MilliporeSigma in the US and Canada

SECTION 15: Regulatory information

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

Refer to component SDS

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Kit Components:

MCE 5.0UM WH PL 25MM 100/PK	Millipore	SMWP02500	Flam. Sol. 1; ED ENV 1; H228, EUH430
MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 47 mm, white, plain	Millipore	SMWP04700	Flam. Sol. 1; ED ENV 1; H228, EUH430

Relevant changes since previous version

13. Disposal considerations

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High

The life science business of Merck operates as MilliporeSigma in the US and Canada

Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.
Copyright 2025 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

Classification of the mixture:		**Classification procedure:**
Flam. Sol. 1	H228	Calculation method
ED ENV 1	EUH430	Calculation method

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

REG_EU / EN

The life science business of Merck operates as MilliporeSigma in the US and Canada

Kit Components:

MCE 5.0UM WH PL 25MM 100/PK					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Millipore - SMWP02500		Danger	Flammable solid. May cause endocrine disruption in the environment.	Obtain special instructions before use. Collect spillage.Store locked up. Dispose of contents/ container to an approved waste disposal plant. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment.	

MF-Millipore Membrane, mixed cellulose esters, Hydrophilic, 5.0 µm, 47 mm, white, plain					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Millipore - SMWP04700		Danger	Flammable solid. May cause endocrine disruption in the environment.	Obtain special instructions before use. Collect spillage.Store locked up. Dispose of contents/ container to an approved waste disposal plant.	

The life science business of Merck operates as MilliporeSigma in the US and Canada

				Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment.	

The life science business of Merck operates as MilliporeSigma in the US and Canada