ANALYT MESSTECHNIK



INSTRUCTIONS FOR USE

SKC Surface/Dermal Test Kit for Aromatic Amines

How to find aromatic amine contamination on surfaces, tools and skin with the SKC Surface/Dermal Test Kit for Aromatic Amines 769-1001, how to remove it, and how to find out how long a glove protects.

AMTC-IN-0064

About this document

The SKC Surface/Dermal Test Kit for Aromatic Amines, catalogue number 769-1001, finds aromatic amine contamination on surfaces, tools and skin, removes it, and shows how long a glove keeps these chemicals away from the hand.

Contamination on a surface is not in itself an exposure. It becomes one when unprotected skin touches it: a tool, a machine control or a telephone handled with contaminated gloves passes the chemical on to the next bare hand. Testing and decontaminating once a week keeps the workplace clean and safe.

Read Safety (p. 5) first. Before use (p. 7) explains how the glove test works. Procedure (p. 8) covers the SWYPE test on surfaces and tools, Skin (p. 8) the skin test and Gloves (p. 9) the glove breakthrough test. After use and sample handling (p. 10) covers decontamination, the skin cleanser and the user-safe time.

Keep these instructions for the lifetime of the product. The current revision is on the product page at analyt-mtc.com.

How these instructions mark information

⚠ CAUTION

A hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Practices not related to personal injury — damage to the product, the process or the sample.

Note
Information that helps understanding; never a hazard.

Document information

Title	SKC Surface/Dermal Test Kit for Aromatic Amines — Instructions for use
Document number	AMTC-IN-0064
Revision	Rev. 2 — October 2026
Applies to	SKC Surface/Dermal Test Kit for Aromatic Amines 769-1001
Language	English
Manufacturer	SKC Inc.

Revision history

Rev.	Date	Change
2	October 2026	Quality programme: new document type, number and identity pages.
1	October 2026	First issue.

SKC, SWYPE, PERMEA-TEC, DECONtamination, D-TAM and Ethacure are trademarks of their owners. Information in these instructions is subject to change without notice. © 2026 ANALYT-MTC Messtechnik GmbH. All rights reserved.

Contents

1 **Safety** 5
- The DECONtamination Solution 5
- Gloves and skin 5
- PERMEA-TEC pads 5

2 **Product and supplied items** 6

3 **Before use** 7
- Before you start 7
- How the test works 7

4 **Procedure** 8
- Test a surface or an item 8
- Skin 8
  - Test the skin 8
- Gloves 9
  - Run the test 9

5 **After use and sample handling** 10
- Decontaminate an area 10
- Decontaminate tools 10
- Clean the skin 10
- The user-safe time 11
- Disposal 11

6 **Specifications** 12
- Lowest detection limits 12

7 **Ordering information** 13

8 **Service and contacts** 14

CHAPTER 1

Safety

Aromatic amines are the hazard you are looking for, and the DECONtamination Solution is itself an irritant. Read these notices before you open the kit.

The DECONtamination Solution

⚠ CAUTION

Contains glutaraldehyde. The DECONtamination Solution (769-1051) contains glutaraldehyde (US OSHA PEL 0.2 ppm), which irritates the nose and the skin. Use it only where the ventilation is good, and wear rubber gloves.

⚠ CAUTION

Avoid all skin contact. The DECONtamination Solution contains glutaraldehyde, which irritates the skin. Do not let it touch your skin. To clean skin, use D-TAM Skin Cleanser (see Skin (p. 8)).

Gloves and skin

⚠ CAUTION

The kit liquids and the aromatic amines you test for are chemicals. Contact can harm your skin. Wear gloves whenever you test a surface or a tool, not only when you decontaminate.

Note

Clean contaminated skin promptly. D-TAM Skin Cleanser reduces absorption through the skin most when it is used soon after the exposure. Do not wet the skin before you apply it.

PERMEA-TEC pads

NOTICE

The pads have a limited shelf life. Do not use a pack past the expiry date printed on it. Past that date the pads may not change colour reliably, so the result is then invalid.

⚠ CAUTION

Pads stored next to food can contaminate it, and eating contaminated food can harm you. Store the pads at ambient temperature, and never with food.

CHAPTER 2

Product and supplied items

What is in the kit

Item	In the kit	Refill pack
Surface SWYPE for Aromatic Amines: wipe pad that changes colour on contaminated surfaces	75	25
Skin SWYPE for Aromatic Amines: wipe with a colour detection strip, for skin	25	20
PERMEA-TEC Pads for Aromatic Amines: breakthrough indicators worn under a glove	20	20
Cleaning/Developing Solution for Aromatic Amines: prepares surfaces and develops Skin SWYPEs	450 mL	22 oz or 1 gal
DECONtamination Solution for Aromatic Amines: decontaminates surfaces and tools	650 mL	22 oz or 1 gal
D-TAM Skin Cleanser: removes contamination from skin	90 mL	8 oz
Small cup, for developing Skin SWYPEs	1	—

The order codes of the refills are in Ordering information (p. 13).

Shelf life, storage and interferents

Shelf life	Limited. Check the expiry date on the packaging.
Storage	At ambient temperature. Do not store with food.
Stability	Stable at ambient conditions.
Known interferents	MDI

CHAPTER 3

Before use

Before you start

NOTICE

The pads have a limited shelf life. Do not use a pack past the expiry date printed on it. Past that date the pads may not change colour reliably, so the result is then invalid.

⚠ CAUTION

Pads stored next to food can contaminate it, and eating contaminated food can harm you. Store the pads at ambient temperature, and never with food.

How the test works

PERMEA-TEC pads are breakthrough indicators worn underneath a protective glove. The worker keeps the glove they normally wear as the inner glove, and the pads are fixed to the outside of it. The glove you want to assess goes on top. Anything that permeates the outer glove reaches a pad, while the inner glove keeps it off the skin.

The pads go on the thumb, the middle finger and the palm. These are the areas of a glove with the most contact and wear.

CHAPTER 4

Procedure

This chapter describes three tests with the kit: on a surface or tool, on the skin and on a glove.

Spray the surface with the Cleaning/Developing Solution, wipe it with a Surface SWYPE and read the colour after 3 minutes. Where the SWYPE shows aromatic amines, decontaminate and test again.

Test a surface or an item

> **⚠ CAUTION**
>
> The kit liquids and the aromatic amines you test for are chemicals. Contact can harm your skin. Wear gloves whenever you test a surface or a tool, not only when you decontaminate.

1. Put on gloves.
2. Spray a light coat of Cleaning/Developing Solution onto the area or item, for example a workbench, a tool or a control knob.
3. Wait **at least 30 seconds**.
4. Wipe the sprayed area with a Surface SWYPE.
5. Wait **3 minutes** for the colour to develop.
6. Read the colour at 3 minutes (see the table below): a colour that appears later does not count. The colour is specific to the amine, so it also tells you which compound you have found.
7. If the SWYPE shows aromatic amines, decontaminate the area or item as described below.

Colour of the Surface SWYPE

Aromatic amine	Colour
MDA or MOCA	Red-orange
Ethacure	Blue
Phenylene diamine	Purple

Skin

Wipe the skin with a Skin SWYPE and develop it in the cup. If it shows contamination, clean the skin straight away with D-TAM Skin Cleanser and test again.

Test the skin

A Skin SWYPE has two ends: a cloth for wiping the skin, and a colour detection strip.

1. Wipe the skin with the cloth end of the Skin SWYPE.
2. Pour Cleaning/Developing Solution into the small cup from the kit, to a depth of about ¼ in.
3. Stand the Skin SWYPE in the cup, cloth end down and colour detection strip up.
4. Watch the strip. The solution rises through the cloth to the strip; a colour change on the strip means that the skin is contaminated.

Gloves

Wear two gloves, with PERMEA-TEC pads between them. Every hour, take the outer glove off, spray the pads with Cleaning/Developing Solution and look for a colour change. Repeating this hour by hour gives a user-safe time period for the outer glove.

Run the test

1. Fix one pad each to the thumb, the middle finger and the palm, on the outside of the glove the worker is wearing.
2. Put the glove to be assessed on over the first glove.
3. Have the worker carry on with the normal task.
4. After **1 hour**, take off the outer glove.
5. Remove the three pads underneath it.
6. Develop each pad: spray it **twice** with Cleaning/Developing Solution.
7. Look at the pads. A colour change means that aromatic amines have broken through the outer glove: red-orange for MOCA and MDA, blue for Ethacure.
8. If no pad has changed colour, fix three fresh pads to the inner glove.
9. Put the same outer glove back on.
10. Have the worker carry on for another hour.
11. Repeat steps 4 to 7.

CHAPTER 5

After use and sample handling

Decontaminate an area

⚠ CAUTION

The DECONtamination Solution contains glutaraldehyde, which irritates the nose and the skin. Work only where the ventilation is good, wear rubber gloves and keep the solution off your skin. See Safety (p. 5).

1. Wet the contaminated area thoroughly with Cleaning/Developing Solution.
2. If necessary, work it in with an abrasive pad so that it penetrates better.
3. Spray DECONtamination Solution onto the area and leave it to react for **at least 5 minutes**.
4. Rinse the area with water.
5. Test the area again as described in Test a surface or an item (p. 8) to confirm that the decontamination is complete.
6. If the SWYPE still shows contamination, repeat steps 1 to 4, then test again.

Decontaminate tools

Note
Use a closed container. Mix the soak and soak the tools in a container that you can close.

Tools are soaked in a mix of **1 part** DECONtamination Solution and **3 parts** Cleaning/Developing Solution.

1. Mix the soak in a closed container.
2. Put the tools in, close the container and let them soak for about **5 minutes**.
3. Take the tools out and rinse them with water.
4. Test the tools as described in Test a surface or an item (p. 8) to confirm that the decontamination is complete.
5. If the SWYPE still shows contamination, soak and rinse the tools again, then test again.

Clean the skin

D-TAM Skin Cleanser contains no cosmetic additives, such as aloe, lanolin, emollients or moisturisers, that could increase the absorption of a chemical, and no harsh surfactants, such as limonene or alcohol, that strip the skin's natural barrier. Its ingredients have a high molecular weight and do not penetrate the skin.

Note
Do not wet the skin first. Put the cleanser straight onto the contaminated skin, without washing or wetting it beforehand. Water comes only at the end, to rinse.

> **Note**
> **Clean promptly.** The cleanser reduces absorption through the skin most when it is used soon after the exposure.

1. Apply D-TAM Skin Cleanser directly to the contaminated skin.
2. Rinse thoroughly with lukewarm water.
3. Pat the skin dry gently.
4. Test the cleaned skin with a fresh Skin SWYPE, as described in Test the skin (p. 8), to confirm that the contamination is gone.
5. If the SWYPE still shows contamination, repeat steps 1 to 4.

The user-safe time

Repeating the hourly check, with fresh pads each time, gives a user-safe time period for the glove.

For ordering and questions about a particular glove or chemical, contact Analyt-MTC; its contact details are in Service and contacts (p. 14) and on the back cover.

Disposal

Dispose of used kit components and their packaging under local regulations.

CHAPTER 6

Specifications

Lowest detection limits

The PERMEA-TEC pad instructions give these lowest detection limits (LDL).

Chemical	LDL (µg)
4,4-Methylene-bis(2-chloroaniline) [MOCA]	2
Aniline	3
4,4-Methylenedianiline [MDA]	15

CHAPTER 7

Ordering information

Order from Analyt-MTC with the order codes.

Item	Order code
SKC Surface/Dermal Test Kit for Aromatic Amines	769-1001
Surface SWYPE for Aromatic Amines, pack of 25	769-1021
Skin SWYPE for Aromatic Amines, pack of 20	769-1031
PERMEA-TEC Pads for Aromatic Amines, pack of 20	769-3001
Cleaning/Developing Solution for Aromatic Amines, 22 oz	769-1061
Cleaning/Developing Solution for Aromatic Amines, 1 gal	769-1041
DECONtamination Solution for Aromatic Amines, 22 oz	769-1071
DECONtamination Solution for Aromatic Amines, 1 gal	769-1051
D-TAM Skin Cleanser, 8 oz	769-5011
D-TAM Skin Cleanser, pack size: ask Analyt-MTC	769-5001

CHAPTER 8

Service and contacts

The SKC Surface/Dermal Test Kit for Aromatic Amines is made by SKC. Analyt-MTC is your contact for it.

Ordering and support

ANALYT-MTC Messtechnik GmbH

German Headquarters

Klosterrunsstraße 18, 79379 Müllheim
Germany

+49 7631 5545

info@analyt-mtc.de

French Subsidiary

175 Avenue d'Alsace, 68000 Colmar
France

+33 3 89 41 47 78

info@analyt-mtc.fr

www.analyt-mtc.com

Ordering and questions

Order the kit and its refills from Analyt-MTC with the catalogue numbers in these instructions. Warranty and returns follow the terms of Analyt-MTC.

ANALYT-MTC Messtechnik GmbH

Sales, service and calibration

German Headquarters
Klosterrunsstraße 18, 79379 Müllheim
Germany
+49 7631 5545
info@analyt-mtc.de

French Subsidiary
175 Avenue d'Alsace, 68000 Colmar
France
+33 3 89 41 47 78
info@analyt-mtc.fr

www.analyt-mtc.com

AMTC-IN-0064 · Rev. 2 · 2026-10

© 2026 ANALYT-MTC Messtechnik GmbH. All rights reserved. Subject to technical changes without notice.