ANALYT MESSTECHNIK

INSTRUCTIONS FOR USE

SKC D-TAM and D-TAM Gold Skin Cleansers

How to choose between water, D-TAM and D-TAM Gold for a given chemical, and how to clean chemical contamination from the skin and check the result with a Skin SWYPE.

AMTC-IN-0006

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About this document

SKC D-TAM Skin Cleanser and SKC D-TAM Gold remove chemical contamination from the skin. Both are made from non-toxic, biodegradable solvents that dissolve the contaminant and then rinse off clean with water. Their large-molecule formulation means they do not increase how much of the chemical the body absorbs.

Which product works depends on how well the chemical dissolves in water or in fat. Product and supplied items (p. 5) explains how to decide from the chemical's log K_{ow} value. Before use (p. 6) and Procedure (p. 7) give the preparation, the procedure and the check with a Skin SWYPE afterwards.

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.

Note
Information that helps understanding; never a hazard.

Document information

Title	SKC D-TAM and D-TAM Gold Skin Cleansers — Instructions for use
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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.

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CHAPTER 1

Safety

Read the safety messages in this chapter before you clean contaminated skin.

Intended use

SKC D-TAM Skin Cleanser and SKC D-TAM Gold remove chemical contamination from the skin. Use them on skin only. For a chemical that dissolves in water (log K_{ow} below 1), rinsing with water is the recommendation instead.

Safety messages

The same messages also appear where they apply, before the step they concern.

⚠ CAUTION

The cleansers have a limited shelf life. Check the date printed on the pack before you use it. Past that date the cleanser may not remove the contamination reliably, so the contamination can stay on the skin and harm you.

CHAPTER 2

Product and supplied items

A chemical comes off the skin when the cleaner dissolves it. Water removes chemicals that dissolve in water; chemicals that prefer fat need a cleanser made for them.

What log K_{ow} tells you

The octanol–water partition coefficient K_{ow} compares how much of a substance dissolves in n-octanol, a fat-like solvent, with how much dissolves in water. Its decimal logarithm, log K_{ow}, is a standard property listed for most chemicals, and it is the basis of the selection guide below.

- **log K_{ow} below 1:** the chemical is soluble in water. Rinsing with water is recommended.
- **log K_{ow} above 1:** the chemical is more soluble in fat-like solvents. Water alone does not remove it well; use a cleanser formulated for it, D-TAM or D-TAM Gold.

Together the two cleansers cover chemicals from semipolar ones, which dissolve in water to some degree, to highly oil-soluble (lipophilic) ones.



Figure 2-1. The dividing line is log K_{ow} = 1. Below it, a chemical dissolves in water; above it, a chemical dissolves better in fat-like solvents.

Selection guide

SKC's recommendations for common chemicals, by log K_{ow}:

Chemical	log K_{ow}	Clean with
SOLUBLE IN WATER — LOG K_{OW} BELOW 1		
Dimethylformamide	−1.01	Water
Methanol	−0.77	Water
Acetonitrile	0.34	Water
Acrylic acid	0.35	Water
SOLUBLE IN FAT — LOG K_{OW} ABOVE 1		
Benzene	2.13	D-TAM
Toluene	2.73	D-TAM
1,1,2,2-Tetrachloroethane	2.93	D-TAM
Cyclohexane	3.44	D-TAM
Hexane	3.90	**D-TAM Gold**

Note

Chemical not in the table? Look up its log K_{ow}. Below 1, rinse with water. Above 1, you need D-TAM or D-TAM Gold; the guide names D-TAM Gold only for hexane, the most lipophilic chemical listed. Ask Analyt-MTC which of the two suits your chemical.

CHAPTER 3

Before use

Before you start

CAUTION

The cleansers have a limited shelf life. Check the date printed on the pack before you use it. Past that date the cleanser may not remove the contamination reliably, so the contamination can stay on the skin and harm you.

Note

Put the cleanser straight onto the contaminated skin, without washing or wetting it beforehand. Water comes only at the end, to rinse.

Choose the product with the Selection guide (p. 5). For a chemical that dissolves in water (log K_{ow} below 1), rinsing with water is the recommendation; the steps below are for D-TAM and D-TAM Gold.

CHAPTER 4

Procedure

Clean the skin as soon as possible after the exposure: the cleanser reduces absorption through the skin most when it is used promptly.

Clean and check

1. **Do not wet the skin.** Apply the cleanser (D-TAM or D-TAM Gold) directly to the contaminated skin.
2. Rub gently until a white lather forms.
3. Rinse thoroughly with lukewarm water.
4. Pat the skin dry.
5. Test the cleaned skin with the Skin SWYPE for the chemical group concerned, to confirm that the contamination is gone.
6. If the SWYPE still shows contamination, repeat steps 1 to 5.

CHAPTER 5

Ordering information

Order from Analyt-MTC with the order codes.

For ordering, pack sizes and questions about a particular chemical, contact Analyt-MTC; its details are in Service and contacts (p. 9) and on the back cover.

The products

Product	Order code	Pack
SKC D-TAM Skin Cleanser	769-5001	Ask Analyt-MTC
	769-5011	8 oz
SKC D-TAM Gold Skin Cleanser	769-5002	Ask Analyt-MTC
	769-5021	

⚠ CAUTION

The cleansers have a limited shelf life. Check the date printed on the pack before you use it. Past that date the cleanser may not remove the contamination reliably, so the contamination can stay on the skin and harm you.

Skin SWYPEs for the check

SKC Skin SWYPEs change colour on contact with their chemical group. Each pack holds 20.

Skin SWYPE	Order code
Aromatic amines	769-1031
Aromatic isocyanates	769-1032
Aliphatic isocyanates	769-1033
Aliphatic amines	769-1035
Acid/base	769-1036
Phenols	769-1037
Nickel	769-1038
o-Phthalaldehyde	769-1039

CHAPTER 6

Service and contacts

SKC D-TAM Skin Cleanser and SKC D-TAM Gold are made by SKC. Analyt-MTC is your contact for them: orders, the pack sizes of D-TAM Gold and chemicals that are not in the selection guide.

Ordering and support

ANALYT-MTC Messtechnik GmbH

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Ordering and questions

Order D-TAM, D-TAM Gold and Skin SWYPEs from Analyt-MTC with the catalogue numbers in Ordering information (p. 8). Ask Analyt-MTC if your chemical is not in the selection guide, or for the pack sizes of D-TAM Gold. Warranty and returns follow the terms of Analyt-MTC.

Disposal

Dispose of used containers and their packaging under local regulations.

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