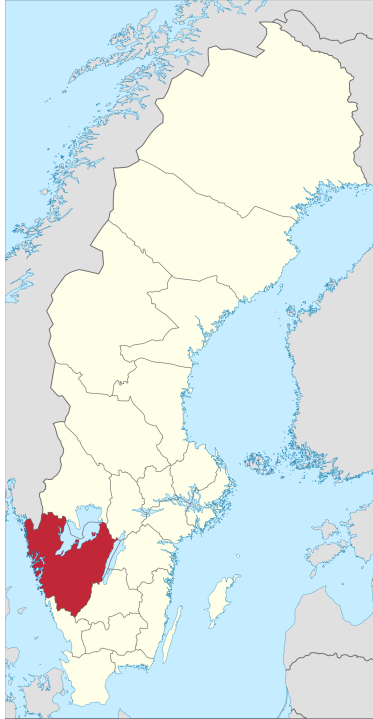


Procurement of disinfectants in Region Västragötaland, Sweden



Region Västra Götaland

Appr. 53.000 employees



- 19 Hospitals
- Primary care
- Dental care
- Opera house
- Museums
- Botanic garden
- Schools
- Etc....



Disinfectants



Antimicrobial
efficacy

EN 1500
EN 12791
EN 14476



Occupational
Health
impact



Environmental
impact



Price/cost

Impact of covid-19



- ✗ The use of disinfectants has increased dramatically and so has the price
- Lack of disinfectants in health care
- New disinfectants with unknown properties are in use
- Quality control + health and environmental demands on disinfectants are extremely important now to avoid future problems



Effect on covid-19 outbreak? Long term consequences?



Sanitary workers disinfect the streets, of the popular quarter Case Nuove in Naples city, Italy



Workers have been disinfecting streets in Tehran to try to prevent the spread of Covid-19

REUTERS

Two separate procurements of disinfectants in Region Västragötaland:

1. for skin and surfaces (hands, desks etc.)
2. for med. equipment, sensitive surfaces (endoscopes, probes etc)



Procurement of disinfectants for skin and surfaces:

Includes:

Disinfectants for:
Surfaces and skin



Soap



Skin lubricants



Procurement of disinfectants for skin and surfaces:

Project group with experts from different disciplines:

- Project leader
- Chemist
- Hygiene experts
- Dermatology experts
- Personnel



Foto: Linnea Bolmstedt



For sustainability demands we use:

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[Requirement wizard](#)

The National Agency
for Public Procurement



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PUBLIC PROCUREMENT

SUSTAINABLE PUBLIC PROCUREMENT

SUBJECT AREAS

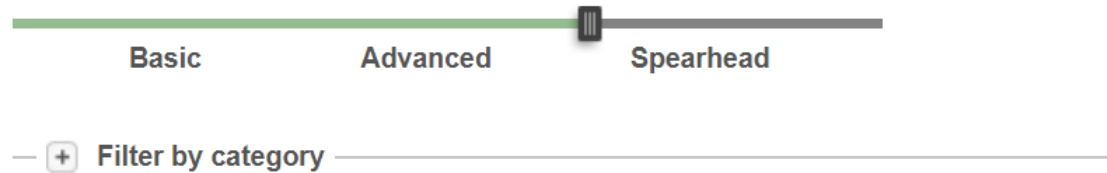
<https://www.upphandlingsmyndigheten.se/en>



4. Choose level

Select the level by dragging the slider. This will list the detailed requirements below. Note that the base level requirements are included at the advanced level, and that the same requirement can be found at several levels. This may give the impression that the list of requirements does not change

To refine your search, it is possible to select categories under "Filter by category". This will list the requirements contained within the selected level and category. Note that other important aspects hereby opt out.



Available requirements

Chemical products

- | | |
|--|---|
| B Environmental hazards of the product | A Environmentally hazardous substances |
| B Bioaccumulation of preservatives and colouring agents | A Biodegradability of surfactants |
| B Sensitizing (allergenic) product | A Sensitizing (allergenic) substances |



Sensitizing (allergenic) substances (RequirementID: 10584:1)

Technical specification

Ingredient substances¹ shall not be classified with the following hazard class and hazard statements in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP regulation), neither in EU-harmonised classification (in accordance with appendix VI in the CLP regulation) nor in self-classification.1272/2008 on classification, labeling and packaging of substances and mixtures (CLP Regulation).

Classification in accordance with Regulation (EC) No 1272/2008	
Hazard class	Hazard statement
Respiratory or skin sensitization	H317, H334

<https://www.upphandlingsmyndigheten.se/en>



Proposed verification

- * Labellings that fulfil the requirement, for example:
- * in accordance with the Nordic Ecolabelling criteria for:Cleaning products, version 6.0Hand dish washing detergents, version 6.0Laundry detergents for professional use, version 3.3Dish washer detergents and rinsing agents, version 6.4Laundry detergents and stain removers, version 7.9License in accordance with the EU Ecolabel criteria for:Hard surface cleaning products, 2017Detergents for dishwashers, 2017Industrial and institutional automatic dishwasher detergents, 2017Hand dishwashing detergents, 2017Laundry detergents, 2017Industrial and institutional laundry detergents, 2017
- * Raw material supplier's safety data sheets for ingredient substances in the product.
- * Certificate from the manufacturer of the product stating that none of the substances in the product that is present in levels above 0,01 weight % have been classified as sensitizing with H317 or H334. Safety data sheets for all the ingredient substances shall be available as a basis for the certificate.
- * Other verification showing that the requirement is met

Proposed follow-up

If the requirement is verified with a label, check that there is a valid license for the product in question. This can be controlled here: [Nordic Ecolabelling \(Swan\)](#), [Good Environmental Choice](#) and [EU Ecolabel](#) .This requirement can be verified with safety data sheets for all the ingredient substances in the product, i. e not with the safety data sheet for the product. See section “2 Hazard(s) identification” in the safety data sheets for the ingredient substances - the hazardous properties of the substance are listed here. Check that none of the specified hazard classes / hazard statements in the requirement are listed here.

The National Substitution Group (NSG)

The National Substitution Group (NSG)

- Network: regions and universities
- Share good examples of chemical substitution
- Share experiences (good and bad)
- Harmonize our sustainability demands in procurements
➔ market transformation



Dialog with suppliers prior to procurement

- Invite suppliers to individual face-to-face meetings
- RFI (Request For Information)
- Q&A's




Some experiences:

- We use mainly alcohol
- Prefer Ethanol before 2-propanol due to health issues
- Chlorine only when necessary!
- Increased use of accelerated Hydrogen peroxide
- ✗ No Sprays (aerosols)
- ✗ No Perfume
- ✗ No PHMB
- ✗ No Quaternary ammonium compounds
- ✗ No Nanosilver



Some experiences:

- Ask for list of ingredients (MSDS does not tell you all)
- Follow up your tenders!
- Learn from others – share experiences
- Harmonize demands  market transformation
- Dialog with suppliers – follow what happens on the market
- Use the right disinfectant for the right purpose
- Mind the importance of skin care
- Follow the hygiene routines!



Thank you!

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