
SVHC & silicone products

What does it mean?

SVHC ...

- ... are Substances of Very High Concern.
- ... are defined and listed by ECHA, the European Chemical Agency.
- ... are substances that will be evaluated for their CMR and vPvB properties.
- ... is a topic of many customers for industrial and construction products.

D4, D5, D6 ...

- ... are ring-formed dimethyl siloxanes with 4, 5, 6 silicon atoms in the ring.
- ... are intrinsic side products in silicone polymers and plasticizers.
- ... can be base raw materials to produce silicone polymers and plasticizer.
- ... are classified as SVHC since June 2018.
- ... need to be mentioned on the MSDS of any silicone product when level >0,1%.
- ... are expected to be restricted for REACH registration within 2021-2023.

How does this influence CPG?

We are a compounder and not producer of plasticizers and polymers. That's why we cannot control, reduce or measure D4, D5, D6 to be <0,1%. We have to rely on the information given by our suppliers of polymers / plasticizers. D4, D5, D6 is heavily discussed in Deutsche Bauchemie, FEICA, etc. We are legally bound to inform our customers about SVHC in our products. EHS is continuously asked by customers to state SVHC content (including D4, D5, D6).

What is the strategy / scope of this topic CPG?

CPG (tremco illbruck) is a supplier of high quality products and part of that is making sure the end-users can use our products as safely as possible. This means the management took the decision to make sure we deliver products where the SVHC level is $\leq 0.1\%$ if technically possible.

Which products are involved?

In principle all silicones which we have in the portfolio are potentially affected, depending on which suppliers of plasticizer or polymer are involved.

The status where we are today in relation to suppliers and products, we can state that almost all our silicone products have a level of $\leq 0.1\%$ SVHC. The only exceptions are FS125/500/703 and FA190. For these products we are analysing the business risk of not having this classification (SVHC $\leq 0.1\%$) and the possible mid-term solutions (as in the short term there aren't any). We keep you posted on any progress made with these products.

This letter is only for internal use. We will come with a version you can share with customers, etc.

Do not hesitate to give one of us a call if you have a question on this topic.

With kind regards,

Michael Futscher	- Key expert silicone technology (R&D)
Eef Blommers	- Purchasing Manager Raw Materials, Packaging and Technical (procurement)
Alexander de Boon	- European Category & Business Development Manager (marketing)

Example of the effect on the MSDS when level is >0.1%...

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Printing date: 14/03/2018

Form number: 04/01/2018

Safety data sheet

according to REACH (Annex II, Article 17)



Version: 14/03/2018

Section 1: Identification	Section 2: Hazard identification	Section 3: Composition information	Section 4: Label
<p>1.1 Product name: Hand disinfectant</p> <p>1.2 Ecolab reference: Hand disinfectant</p> <p>1.3 Other names: Hand disinfectant</p>	<p>2.1 Hazard statements: H302, H312, H332</p> <p>2.2 Hazard pictograms: GHS07, GHS09</p> <p>2.3 Signal word: Danger</p> <p>2.4 Precautionary statements: P201, P202, P273</p>	<p>3.1 Chemical composition: Hand disinfectant</p> <p>3.2 Chemical composition: Hand disinfectant</p> <p>3.3 Chemical composition: Hand disinfectant</p>	<p>4.1 Signal word: Danger</p> <p>4.2 Hazard statements: H302, H312, H332</p> <p>4.3 Precautionary statements: P201, P202, P273</p>

Section 5: Environmental information

5.1 Environmental impact: **Hand disinfectant**

5.2 Environmental impact: **Hand disinfectant**

5.3 Environmental impact: **Hand disinfectant**

Section 6: Toxicological information

6.1 Toxicological information: **Hand disinfectant**

6.2 Toxicological information: **Hand disinfectant**

6.3 Toxicological information: **Hand disinfectant**

Section 7: Physical and chemical properties

7.1 Physical and chemical properties: **Hand disinfectant**

7.2 Physical and chemical properties: **Hand disinfectant**

7.3 Physical and chemical properties: **Hand disinfectant**

Section 8: Stability and reactivity

8.1 Stability and reactivity: **Hand disinfectant**

8.2 Stability and reactivity: **Hand disinfectant**

8.3 Stability and reactivity: **Hand disinfectant**

Section 9: Transport and storage

9.1 Transport and storage: **Hand disinfectant**

9.2 Transport and storage: **Hand disinfectant**

9.3 Transport and storage: **Hand disinfectant**

Section 10: Exposure controls

10.1 Exposure controls: **Hand disinfectant**

10.2 Exposure controls: **Hand disinfectant**

10.3 Exposure controls: **Hand disinfectant**

Section 11: Regulatory information

11.1 Regulatory information: **Hand disinfectant**

11.2 Regulatory information: **Hand disinfectant**

11.3 Regulatory information: **Hand disinfectant**

Section 12: Other information

12.1 Other information: **Hand disinfectant**

12.2 Other information: **Hand disinfectant**

12.3 Other information: **Hand disinfectant**

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Safety data sheet
 according to (EC) No 1272/2008 (Annex II, Article 17)

Product name: **Stressol 2000** Revision: 01-2019

Product number: **Stressol 2000**

Section 1: Identification

1.1 Product name: **Stressol 2000**

1.2 Other names: **Stressol 2000**

1.3 Supplier: **Stressol 2000**

1.4 Customer: **Stressol 2000**

1.5 Address: **Stressol 2000**

1.6 Phone: **Stressol 2000**

1.7 Fax: **Stressol 2000**

1.8 E-mail: **Stressol 2000**

1.9 Web: **Stressol 2000**

1.10 Other information: **Stressol 2000**

Section 2: Hazard identification

2.1 Hazard statement: **Stressol 2000**

2.2 Hazard pictogram: **Stressol 2000**

2.3 Hazard classification: **Stressol 2000**

2.4 Hazard label: **Stressol 2000**

2.5 Hazard code: **Stressol 2000**

2.6 Hazard description: **Stressol 2000**

2.7 Hazard assessment: **Stressol 2000**

2.8 Hazard management: **Stressol 2000**

2.9 Hazard control: **Stressol 2000**

2.10 Hazard prevention: **Stressol 2000**

2.11 Hazard response: **Stressol 2000**

2.12 Hazard recovery: **Stressol 2000**

2.13 Hazard elimination: **Stressol 2000**

2.14 Hazard reduction: **Stressol 2000**

2.15 Hazard avoidance: **Stressol 2000**

2.16 Hazard minimization: **Stressol 2000**

2.17 Hazard containment: **Stressol 2000**

2.18 Hazard isolation: **Stressol 2000**

2.19 Hazard segregation: **Stressol 2000**

2.20 Hazard restriction: **Stressol 2000**

2.21 Hazard prohibition: **Stressol 2000**

2.22 Hazard ban: **Stressol 2000**

2.23 Hazard ban on use: **Stressol 2000**

2.24 Hazard ban on disposal: **Stressol 2000**

2.25 Hazard ban on transport: **Stressol 2000**

2.26 Hazard ban on storage: **Stressol 2000**

2.27 Hazard ban on handling: **Stressol 2000**

2.28 Hazard ban on contact: **Stressol 2000**

2.29 Hazard ban on ingestion: **Stressol 2000**

2.30 Hazard ban on inhalation: **Stressol 2000**

2.31 Hazard ban on absorption: **Stressol 2000**

2.32 Hazard ban on excretion: **Stressol 2000**

2.33 Hazard ban on elimination: **Stressol 2000**

2.34 Hazard ban on degradation: **Stressol 2000**

2.35 Hazard ban on transformation: **Stressol 2000**

2.36 Hazard ban on distribution: **Stressol 2000**

2.37 Hazard ban on availability: **Stressol 2000**

2.38 Hazard ban on access: **Stressol 2000**

2.39 Hazard ban on use: **Stressol 2000**

2.40 Hazard ban on disposal: **Stressol 2000**

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2.43 Hazard ban on handling: **Stressol 2000**

2.44 Hazard ban on contact: **Stressol 2000**

2.45 Hazard ban on ingestion: **Stressol 2000**

2.46 Hazard ban on inhalation: **Stressol 2000**

2.47 Hazard ban on absorption: **Stressol 2000**

2.48 Hazard ban on excretion: **Stressol 2000**

2.49 Hazard ban on elimination: **Stressol 2000**

2.50 Hazard ban on degradation: **Stressol 2000**

2.51 Hazard ban on transformation: **Stressol 2000**

2.52 Hazard ban on distribution: **Stressol 2000**

2.53 Hazard ban on availability: **Stressol 2000**

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2.61 Hazard ban on ingestion: **Stressol 2000**

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2.63 Hazard ban on absorption: **Stressol 2000**

2.64 Hazard ban on excretion: **Stressol 2000**

2.65 Hazard ban on elimination: **Stressol 2000**

2.66 Hazard ban on degradation: **Stressol 2000**

2.67 Hazard ban on transformation: **Stressol 2000**

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2.97 Hazard ban on elimination: **Stressol 2000**

2.98 Hazard ban on degradation: **Stressol 2000**

2.99 Hazard ban on transformation: **Stressol 2000**

2.100 Hazard ban on distribution: **Stressol 2000**

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Page 1/4	Safety data sheet according to (EC) 2002/61, Annex IV	
Printing date: 10.02.2014	Version number: 2	Revision: 10.02.2014
Trade name: Alcohol 70/30		
(only for EU)		
SECTION 1: General information		
1.1. Details		
<p>1.1.1 Name of the substance: Alcohol 70/30</p> <p>1.1.2 CAS number: 64-17-5</p> <p>1.1.3 EC number: 200-661-2</p> <p>1.1.4 Synonyms: Alcohol 70/30</p> <p>1.1.5 Other names: Alcohol 70/30</p> <p>1.1.6 Other names: Alcohol 70/30</p> <p>1.1.7 Other names: Alcohol 70/30</p> <p>1.1.8 Other names: Alcohol 70/30</p> <p>1.1.9 Other names: Alcohol 70/30</p> <p>1.1.10 Other names: Alcohol 70/30</p> <p>1.1.11 Other names: Alcohol 70/30</p> <p>1.1.12 Other names: Alcohol 70/30</p> <p>1.1.13 Other names: Alcohol 70/30</p> <p>1.1.14 Other names: Alcohol 70/30</p> <p>1.1.15 Other names: Alcohol 70/30</p> <p>1.1.16 Other names: Alcohol 70/30</p> <p>1.1.17 Other names: Alcohol 70/30</p> <p>1.1.18 Other names: Alcohol 70/30</p> <p>1.1.19 Other names: Alcohol 70/30</p> <p>1.1.20 Other names: Alcohol 70/30</p> <p>1.1.21 Other names: Alcohol 70/30</p> <p>1.1.22 Other names: Alcohol 70/30</p> <p>1.1.23 Other names: Alcohol 70/30</p> <p>1.1.24 Other names: Alcohol 70/30</p> <p>1.1.25 Other names: Alcohol 70/30</p> <p>1.1.26 Other names: Alcohol 70/30</p> <p>1.1.27 Other names: Alcohol 70/30</p> <p>1.1.28 Other names: Alcohol 70/30</p> <p>1.1.29 Other names: Alcohol 70/30</p> <p>1.1.30 Other names: Alcohol 70/30</p> <p>1.1.31 Other names: Alcohol 70/30</p> <p>1.1.32 Other names: Alcohol 70/30</p> <p>1.1.33 Other names: Alcohol 70/30</p> <p>1.1.34 Other names: Alcohol 70/30</p> <p>1.1.35 Other names: Alcohol 70/30</p> <p>1.1.36 Other names: Alcohol 70/30</p> <p>1.1.37 Other names: Alcohol 70/30</p> <p>1.1.38 Other names: Alcohol 70/30</p> <p>1.1.39 Other names: Alcohol 70/30</p> <p>1.1.40 Other names: Alcohol 70/30</p> <p>1.1.41 Other names: Alcohol 70/30</p> <p>1.1.42 Other names: Alcohol 70/30</p> <p>1.1.43 Other names: Alcohol 70/30</p> <p>1.1.44 Other names: Alcohol 70/30</p> <p>1.1.45 Other names: Alcohol 70/30</p> <p>1.1.46 Other names: Alcohol 70/30</p> <p>1.1.47 Other names: Alcohol 70/30</p> <p>1.1.48 Other names: Alcohol 70/30</p> <p>1.1.49 Other names: Alcohol 70/30</p> <p>1.1.50 Other names: Alcohol 70/30</p> <p>1.1.51 Other names: Alcohol 70/30</p> <p>1.1.52 Other names: Alcohol 70/30</p> <p>1.1.53 Other names: Alcohol 70/30</p> <p>1.1.54 Other names: Alcohol 70/30</p> <p>1.1.55 Other names: Alcohol 70/30</p> <p>1.1.56 Other names: Alcohol 70/30</p> <p>1.1.57 Other names: Alcohol 70/30</p> <p>1.1.58 Other names: Alcohol 70/30</p> <p>1.1.59 Other names: Alcohol 70/30</p> <p>1.1.60 Other names: Alcohol 70/30</p> <p>1.1.61 Other names: Alcohol 70/30</p> <p>1.1.62 Other names: Alcohol 70/30</p> <p>1.1.63 Other names: Alcohol 70/30</p> <p>1.1.64 Other names: Alcohol 70/30</p> <p>1.1.65 Other names: Alcohol 70/30</p> <p>1.1.66 Other names: Alcohol 70/30</p> <p>1.1.67 Other names: Alcohol 70/30</p> <p>1.1.68 Other names: Alcohol 70/30</p> <p>1.1.69 Other names: Alcohol 70/30</p> <p>1.1.70 Other names: Alcohol 70/30</p> <p>1.1.71 Other names: Alcohol 70/30</p> <p>1.1.72 Other names: Alcohol 70/30</p> <p>1.1.73 Other names: Alcohol 70/30</p> <p>1.1.74 Other names: Alcohol 70/30</p> <p>1.1.75 Other names: Alcohol 70/30</p> <p>1.1.76 Other names: Alcohol 70/30</p> <p>1.1.77 Other names: Alcohol 70/30</p> <p>1.1.78 Other names: Alcohol 70/30</p> <p>1.1.79 Other names: Alcohol 70/30</p> <p>1.1.80 Other names: Alcohol 70/30</p> <p>1.1.81 Other names: Alcohol 70/30</p> <p>1.1.82 Other names: Alcohol 70/30</p> <p>1.1.83 Other names: Alcohol 70/30</p> <p>1.1.84 Other names: Alcohol 70/30</p> <p>1.1.85 Other names: Alcohol 70/30</p> <p>1.1.86 Other names: Alcohol 70/30</p> <p>1.1.87 Other names: Alcohol 70/30</p> <p>1.1.88 Other names: Alcohol 70/30</p> <p>1.1.89 Other names: Alcohol 70/30</p> <p>1.1.90 Other names: Alcohol 70/30</p> <p>1.1.91 Other names: Alcohol 70/30</p> <p>1.1.92 Other names: Alcohol 70/30</p> <p>1.1.93 Other names: Alcohol 70/30</p> <p>1.1.94 Other names: Alcohol 70/30</p> <p>1.1.95 Other names: Alcohol 70/30</p> <p>1.1.96 Other names: Alcohol 70/30</p> <p>1.1.97 Other names: Alcohol 70/30</p> <p>1.1.98 Other names: Alcohol 70/30</p> <p>1.1.99 Other names: Alcohol 70/30</p> <p>1.1.100 Other names: Alcohol 70/30</p>		
SECTION 2: Hazardous information		
2.1. Details		
<p>2.1.1 Hazardous information: Alcohol 70/30</p> <p>2.1.2 Hazardous information: Alcohol 70/30</p> <p>2.1.3 Hazardous information: Alcohol 70/30</p> <p>2.1.4 Hazardous information: Alcohol 70/30</p> <p>2.1.5 Hazardous information: Alcohol 70/30</p> <p>2.1.6 Hazardous information: Alcohol 70/30</p> <p>2.1.7 Hazardous information: Alcohol 70/30</p> <p>2.1.8 Hazardous information: Alcohol 70/30</p> <p>2.1.9 Hazardous information: Alcohol 70/30</p> <p>2.1.10 Hazardous information: Alcohol 70/30</p> <p>2.1.11 Hazardous information: Alcohol 70/30</p> <p>2.1.12 Hazardous information: Alcohol 70/30</p> <p>2.1.13 Hazardous information: Alcohol 70/30</p> <p>2.1.14 Hazardous information: Alcohol 70/30</p> <p>2.1.15 Hazardous information: Alcohol 70/30</p> <p>2.1.16 Hazardous information: Alcohol 70/30</p> <p>2.1.17 Hazardous information: Alcohol 70/30</p> <p>2.1.18 Hazardous information: Alcohol 70/30</p> <p>2.1.19 Hazardous information: Alcohol 70/30</p> <p>2.1.20 Hazardous information: Alcohol 70/30</p> <p>2.1.21 Hazardous information: Alcohol 70/30</p> <p>2.1.22 Hazardous information: Alcohol 70/30</p> <p>2.1.23 Hazardous information: Alcohol 70/30</p> <p>2.1.24 Hazardous information: Alcohol 70/30</p> <p>2.1.25 Hazardous information: Alcohol 70/30</p> <p>2.1.26 Hazardous information: Alcohol 70/30</p> <p>2.1.27 Hazardous information: Alcohol 70/30</p> <p>2.1.28 Hazardous information: Alcohol 70/30</p> <p>2.1.29 Hazardous information: Alcohol 70/30</p> <p>2.1.30 Hazardous information: Alcohol 70/30</p> <p>2.1.31 Hazardous information: Alcohol 70/30</p> <p>2.1.32 Hazardous information: Alcohol 70/30</p> <p>2.1.33 Hazardous information: Alcohol 70/3</p>		

Safety data sheet			
According to Regulation (EC) No. 1272/2008		Revision: 10/2020	
Product name: Water (H₂O)		Product number: 0000000000	
Section 1: Identification 1.1 Recommended use for the substance 1.2 Other uses 1.3 Hazard statements 1.4 Precautionary statements 1.5 GHS hazard pictograms 1.6 GHS signal word		1.1 Recommended use for the substance 1.2 Other uses 1.3 Hazard statements 1.4 Precautionary statements 1.5 GHS hazard pictograms 1.6 GHS signal word	
Section 2: Hazard identification 2.1 Hazard classification 2.2 Hazard statements 2.3 Precautionary statements 2.4 GHS hazard pictograms 2.5 GHS signal word			
Section 3: Composition / Information on ingredients 3.1 Substances 3.2 Mixtures			
Section 4: First aid measures 4.1 Description of first aid measures 4.2 Most important symptoms and effects 4.3 Indication of immediate medical attention and special treatment 4.4 Special instructions for hospital treatment			
Section 5: Fire fighting measures 5.1 Hazardous combustion products 5.2 Special fire fighting measures 5.3 Special protective equipment and measures 5.4 Special instructions for fire fighting			
Section 6: Accidental release measures 6.1 Personal precautions, protective equipment and emergency measures 6.2 Environmental precautions 6.3 Cleanup methods 6.4 Special instructions			
Section 7: Handling and storage 7.1 Precautions for handling 7.2 Precautions for storage 7.3 Special instructions			
Section 8: Exposure controls / Personal protection 8.1 Occupational exposure limits 8.2 Biological monitoring 8.3 Environmental monitoring 8.4 Personal hygiene 8.5 Special instructions			
Section 9: Physical and chemical properties 9.1 Physical state 9.2 Odor 9.3 Color 9.4 Melting point 9.5 Boiling point 9.6 Density 9.7 Vapor pressure 9.8 Solubility 9.9 Partition coefficient 9.10 Stability 9.11 Reactivity 9.12 Corrosivity			
Section 10: Stability and reactivity 10.1 Stability 10.2 Reactivity 10.3 Incompatibilities 10.4 Hazardous decomposition products			
Section 11: Toxicological information 11.1 Acute toxicity 11.2 Skin corrosion / Irritation 11.3 Eye corrosion / Irritation 11.4 Respiratory irritation 11.5 Skin irritation 11.6 Skin sensitization 11.7 Eye irritation 11.8 Respiratory sensitization 11.9 Systemic toxicity 11.10 Subacute toxicity 11.11 Chronic toxicity 11.12 Carcinogenicity 11.13 Mutagenicity 11.14 Reproductive toxicity 11.15 Developmental toxicity 11.16 Endocrine disruption 11.17 Neurotoxicity 11.18 Immunotoxicity 11.19 Genotoxicity 11.20 Other toxicological effects			
Section 12: Ecological information 12.1 Ecotoxicity 12.2 Persistence and bioaccumulation 12.3 Mobility 12.4 Other ecological effects			
Section 13: Disposal 13.1 Waste management 13.2 Other disposal instructions			
Section 14: Transport information 14.1 UN number 14.2 Proper shipping name 14.3 Hazard class 14.4 Packing group 14.5 Special provisions 14.6 Other transport information			
Section 15: Regulatory information 15.1 REACH 15.2 CLP 15.3 Other regulatory information			
Section 16: Other information 16.1 Other information 16.2 Other information 16.3 Other information			



The screenshot shows a portion of a safety data sheet (SDS) for a chemical product. The header includes the product name "Safety data sheet" and the chemical name "Acetone". The document is dated "10/10/2010" and the version is "1.0". The SDS is for a "Liquid" and is classified as "H228, H252, H302, H332, H336". The hazard statements are "Highly flammable", "Very flammable", and "Irritant". The SDS is for a "Liquid" and is classified as "H228, H252, H302, H332, H336". The hazard statements are "Highly flammable", "Very flammable", and "Irritant".