

# SAFETY DATA SHEET

## ChemSwab Presaturated Swab

### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the substance or preparation

**Product name** : ChemSwab Presaturated Swab

**Chemical name** : ChemSwab

**Synonyms** : CS25

**Use of the substance/preparation** : CLEANING PRODUCTS

#### Company/undertaking identification

**Manufacturer** : ITW Chemtronics  
8125 Cobb Center Drive  
Kennesaw, GA 30152

**Supplier** : [  
[  
[  
[

**Importer** : ITW Contamination Control  
Skejby Nordlandsvej 307  
DK-8200 Aarhus N  
Denmark  
Tel +45 87 400 220  
Fax +45 87 400 222  
Email: info@itw-cc.com

**Emergency telephone number** : Chemtrec - 1-800-424-9300 or collect 703-527-3887

### 2. Composition/information on ingredients

**Substance/Preparation** : Substance

Ingredient Name	CAS number	%	EC Number	Classification
propan-2-ol	67-63-0	85-95	200-661-7	F; R11 Xi; R36 R67
See Section 16 for the full text of the R Phrases declared above				

\* Occupational Exposure Limit(s), if available, are listed in Section 8

### 3. Hazards identification

The substance is classified as dangerous according to Directive 67/548/EEC and its amendments.

**Classification** : R11

**Physical/chemical Hazards** : Highly flammable.

**Human health hazards** : Irritating to eyes and skin.

See Section 11 for more detailed information on health effects and symptoms.

### 4. First aid measures

#### First aid measures

**Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

**Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

**Skin Contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

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**Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.

**Specific treatments** :

See Section 11 for more detailed information on health effects and symptoms.

## 5. Fire-fighting measures

**Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical, or CQ.

**Special exposure hazards** : No specific hazard.  
Not available.

**Hazardous thermal decomposition products** : These products are carbon oxides (CO, CQ).

**Special protective equipment for fire-fighters** : Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

## 6. Accidental release measures

**Personal Precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).

**Environmental precautions and cleanup methods** : Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.

If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

**Note:** See section 8 for personal protective equipment and section 13 for waste disposal.

## 7. Handling and storage

**Handling** : Avoid contact with eyes. Wash thoroughly after handling.

**Storage** : Keep container in a cool, well-ventilated area.

**Packaging materials**

**Recommended** : Use original container.

**Specific uses** :

## 8. Exposure controls/personal protection

### Ingredient Name

propan-2-ol

### Occupational Exposure Limits

**ACGIH TLV (United States, 2000).**

STEL: 400 ppm 15 minute(s).

TWA: 200 ppm 8 hour(s).

**Exposure controls**

**Occupational exposure controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.

**Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.

**Hand protection** : Use latex gloves.

**Eye protection** : Safety glasses. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes.

**Skin protection** : Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits).

## 9. Physical and chemical properties

**General information**

**Appearance**

**Physical state** : Liquid.

**Colour** : Colourless.

**Odour** : Alcohol-like.

**Important health, safety and environmental information**

**Date of issue** : 12/13/2005.

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pH	: Not available.
Boiling point	: 82.55°C (180.6°F) (propan-2-ol).
Melting point	: May start to solidify at -88.83°C (-127.9°F) based on data for: propan-2-ol.
Flash point	: Open cup: 11.9°C (53.4°F). (propan-2-ol)
Explosive properties	: Not considered as a product presenting risks of explosion.
Oxidising properties	: Not available.
Relative density	: 0.785 g/cm <sup>3</sup>
Solubility	: Not available.
Vapour density	: 2.07
Evaporation rate (butyl acetate = 1)	: 1.7 (propan-2-ol) compared to (n-BUTYL ACETATE=1)

### Other information

Auto-ignition temperature : 399.05°C (750.3°F) (propan-2-ol).

## 10. Stability and reactivity

Stability	: The product is stable.
Hazardous Decomposition Products	: These products are carbon oxides (CO, CQ).

## 11. Toxicological information

### Potential Acute Health Effects

Inhalation	: Slight irritant
Ingestion	: No specific hazard.
Skin Contact	: No specific hazard.
Eye contact	: Irritating to eyes.

### Acute toxicity

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
propan-2-ol	LD50	5045 mg/kg	Oral	Rat
	LD50	6410 mg/kg	Oral	Rabbit
	LD50	3600 mg/kg	Oral	Mouse
	LD50	12800 mg/kg	Dermal	Rabbit
	LDLo	1537 mg/kg	Oral	Dog
	LDLo	3570 mg/kg	Oral	human
	LDLo	5272 mg/kg	Oral	man

### Over-exposure signs/symptoms

Target Organs : Contains material which causes damage to the following organs: upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

## 12. Ecological information

### Ecotoxicity Data

<u>Ingredient Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
propan-2-ol	Pimephales promelas (EC50)	48 hour(s)	10000 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	>1400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	6550 mg/l
	Pimephales promelas (LC50)	96 hour(s)	9640 mg/l
	Pimephales promelas (LC50)	96 hour(s)	10400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	11130 mg/l

Other adverse effects : Not available.

## 13. Disposal considerations

Methods of disposal	: Avoid contact of spilled material and runoff with soil and surface waterways. Dispose of according to all federal, state and local applicable regulations.
Waste Classification	: Not applicable.
European Waste Catalogue (EWC)	: Not available.
Hazardous Waste	: The classification of the product may meet the criteria for a hazardous waste

**14. Transport information****International transport regulations**

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional Information
ADR/RID Class	Not regulated.	-	-	-		-
ADN Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

**15. Regulatory information****EU Regulations****Hazard symbol(s)**

:

**Risk phrases**

: Highly flammable.

**Safety Phrases**: S16- Keep away from sources of ignition - No smoking.  
S24/25- Avoid contact with skin and eyes.S51- Use only in well-ventilated areas.  
S2- Keep out of the reach of children.**Product Use**: Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.  
- Industrial applications**EC Statistical Classification (Tariff Code)**

: 32089091

**16. Other information****Full text of R phrases referred to in Sections 2 and 3 - Europe**: R11- Highly flammable.  
R36- Irritating to eyes.  
R67- Vapours may cause drowsiness and dizziness.**Full text of classifications referred to in Sections 2 and 3 - Europe**: F - Highly flammable  
Xi - Irritant**HISTORY****Date of printing**

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**Date of issue**

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**Date of previous issue**

: No Previous Validation.

**Version**

: 1.01

**Prepared by**

:

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*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*