

# Safety sheet

Spray Clean Pro

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## 1. NAME OF SUBSTANCE/PREPARATION AND THE COMPANY/FIRM

### Spray Clean Pro

**Area of use/Function:** Universal cleaning agent  
**Supplier:** Evolution, Pløensgate 4, 0181 Oslo, Norway  
**Tel.:** 99537951  
**E-mail address:** [cp@eedesk.com](mailto:cp@eedesk.com)  
**Emergency telephone number:** 112

## 2. COMPOSITION / FACTS ABOUT CONSTITUENTS

Chemical name	EG-No.	CAS-No.	Content/Concentration	Symbols	R-phases*
Sodium meta silicate, pentahydrate		10213-79-3	1 – 5%	C	R34-37
Nitilotriacetic acid trisodium salt	225-768-6	18662-53-8	1 – 5%	Xn	R22-36
1 -Propoxipropane-2-ol	216-372-4	1569-01-3	3 – 6%	-	R10
Sodium hydroxide	215-185-5	1310-73-2	0 – 1.5%	C	R35
Alcohols, C12-14, ethoxylated	500-213-3	68439-50-9	1 – 5%	Xn	R22-41

\*With reference to the R-phases complete wording, see chapter 16.

## 3. DANGEROUS QUALITIES

Irritating. Irritates eyes and skin. Skin contact can cause irritation, redness and pain. Vapor and splashes in the eyes cause pain. Ingestion causes irritation and pain in mouth, throat and stomach.

## 4. FIRST AID

### GENERAL RECOMMENDATION:

Show this safety sheet to the doctor on call. Keep the person warm and calm.

### INHALATION:

Find fresh air. Rinse nose and mouth with water. If difficulties in breathing persist, contact a doctor.

### SKIN CONTACT:

Remove all contaminated clothes immediately. Wash skin carefully using water. If pains persist, contact a doctor.

### SPLASHES IN THE EYES:

Rinse for a prolonged period (at least 5 minutes) using lukewarm water. Keep the eyelids wide open. If pains persist, contact a doctor.

### INGESTION:

Give the injured person approx. a pint of water or milk to drink immediately if he is conscious. Do **not** induce vomiting. Contact a doctor.

### SPECIAL EQUIPMENT ON SITE:

Eye douche has to be available next to the place of work.

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## 5. FIRE FIGHTING MEASURES

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**SUITABLE FIRE EXTINGUISHERS:** Choose fire-extinguisher depending upon what is on fire.

**SPECIAL RISKS:** During combustion, a poisonous smoke containing carbon monoxides is formed.

**SPECIAL MEASURES:** Keep the containers cooled using a dispersed water jet if they are exposed to fire. **SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING STAFF:** Wear complete safety equipment including a breathing apparatus.

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## 6. MEASURES AFTER UNINTENTIONAL DISCHARGE

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**PERSONAL SAFETY MEASURES:** Use suitable protective clothing (see chapter 8).

**SAFETY MEASURES REGARDING THE ENVIRONMENT:** Prevent the product from reaching the drain, surrounding ground or water.

**MEASURES WHEN TAKING CARE OF SPILLAGE:** Build banks around the spillage using sand, earth etc. Absorb using an inert absorption agent, e.g. sand or vermiculite. The spillage is placed in a closed container and is taken care of as dangerous waste (see chapter 13). Clean contaminated areas using large amounts of water.

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## 7. HANDLING AND STORAGE

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**PREVENTIVE MEASURES:** Make sure the ventilation is adequate.

**RECOMMENDATIONS FOR SAFE HANDLING:** Avoid inhalation and contact with eyes and skin. Use personal safety equipment (see chapter 8).

**STORAGE:** When possible, keep containers closed. To be stored in a frost-free environment and not together with acids.

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## 8. LIMITING EXPOSURE / PERSONAL PROTECTION

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**PROTECTIVE GLOVES - BREAKTHROUGH TIME:** Protective gloves (e.g. latex or PVC) and eye protection may be necessary when there is a risk of direct contact or splashing.

**Sodium hydroxide:** Chemical protection > 8h: Polythene, Barricade, Tychem SL.

**EYE PROTECTION:** Use a visor or safety goggles with side protection when working.

**PROTECTIVE CLOTHING:** Use protective clothing with elastic cuffs and enclosed collar and a plastic apron.

### NATIONAL HYGIENE LIMIT VALUES

**Sodium hydroxide:** TGV = total 2 mg/m<sup>3</sup>; NGV = inhalable 1 mg/m<sup>3</sup>

**MEASURES REGARDING HYGIENE:** After handling, wash carefully using soap and water. Use hand cream if skin irritation should arise. Clean contaminated floor- and table areas.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Solubility in water** Easily soluble

**Odor** Odorless

**PH** 12.5

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## 10. STABILITY AND REACTIVNESS

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**STABILITY:** Stable during normal conditions.

**CONDITIONS THAT SHOULD BE AVOIDED:** No disintegration when used as specified.

**SUBSTANCES THAT SHOULD BE AVOIDED:** No data.

**DANGEROUS DISINTEGRATION PRODUCTS:** During combustion, a poisonous smoke containing carbon monoxides is formed.

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## 11. TOXICOLOGICAL INFORMATION

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	<b>ACUTE EFFECTS</b>	<b>CHRONIC EFFECTS</b>
<b>SKIN CONTACT</b>	Skin contact can cause irritation, redness and pain.	-
<b>EYE CONTACT</b>	Vapor and splashes in the eyes cause pain.	-
<b>INHALATION</b>	Inhalation of mist in high quantities can cause irritation and pain in nose and throat.	-
<b>INGESTION</b>	Causes irritation and pain in mouth, throat and stomach.	-

### **OTHER INFORMATION**

See investigation summary for a more detailed toxicological information.

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## 12. ECOLOGICAL INFORMATION

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**VERSATILITY:** Soluble in water.

**ECOTOXICITY:** Contains a substance that is harmful to water dwelling organisms.

**BIODEGRADABILITY:** The contents of the product are organic substances which are all **EASILY BIODEGRADABLE** according to approved OECD methods.

**BIOACUMULATION:** The product does not contain any substances that can bio-accumulate.

**OTHER INFORMATION:** See investigation summary for further eco-toxicological data and test results.

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## 13. WASTE DISPOSAL

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### **WASTE FROM EXCESS/UNUSED PRODUCTS**

According to SFS 2001:1063 an unused product is dangerous waste.

Proposal for EWC code:

06 02 04; Sodium- and potassium hydroxide

06 08 99; Other waste

### **SURPLUS WASTE**

Surplus waste is dangerous waste and has to be handed in to an approved entrepreneur.

### **CONTAMINATED PACKING BOX**

A contaminated packing box is dangerous waste and has to be handed in to an approved entrepreneur.

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## 14. TRANSPORTATION INFORMATION

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Not classified as dangerous goods according to ADR/RID/IMO/DGR.

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## 15. CURRENT INSTRUCTIONS

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### R-PHASES

R36/38 - Irritates eyes and skin

### S-PHASES

S25 – Avoid contact with eyes

S26 – If contact with eyes occurs, rinse immediately using ample water and contact a doctor

S37 – Use appropriate protective gloves

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## 16. OTHER INFORMATION

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### R-PHASES MENTIONED IN CHAPTER 2 IN PLAIN LANGUAGE

R10 - Inflammable

R22- Dangerous when ingested

R34 - Corrosive

R35 - Highly corrosive

R36 – Irritates the eyes

R37- Irritates the respiratory organs

R41 – Risk of serious eye damage

### REFERENCES TO FURTHER INFORMATION

This information is a complement to other information. The user must decide if the information is sufficient.

### SOURCES

See investigation summary for references.