

**SAFETY DATA SHEET**

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

**Compressed gas cleaner for office equipment**

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses:**

product for cleaning and removing dust from office equipment.

**Uses advised against** not determined.

**1.3 Details of the supplier of the safety data sheet**

**Produced for:** Prokord Box 1194, SE-131 27 Nacka Strand, Sweden

**Section 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008[EU-GHS/CLP]**

*Skin irritation (category 2); Serious eye damage (category 2A)*

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

*May cause sensitization by skin contact. Irritating to eyes, respiratory system and skin.*

**Information concerning particular hazards for human and environment**

*The product has been classified as dangerous according to Directive 67/548/EEC and 199/45/EC.*

**2.2 Label Elements**

**Labelling according to Regulation (EC) No 1272/2008[CLP]**

**Hazard pictograms**



**Signal Word**

*Warning*

## Hazard statements

H222 *Extremely flammable aerosol.*  
H229 *Pressurised container: May burst if heated.*

## Precautionary statements

P102 *Keep out of reach of children.*  
P210 *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*  
P211 *Do not spray on an open flame or other ignition source.*  
P251 *Do not pierce or burn, even after use.*  
P410+P412 *Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.*

According to European Directive 67/548/EEC as amended

## Hazard symbol (s)



## R-phrases(s)

R36/37/38 *Irritation to eyes, respiratory systems and skin*  
R59 *Dangerous to the ozone layer*

## S-phrases(s)

S26 *In case of contact with eyes, rinse immediately with plenty of water and seek medical advice*  
S36/37/39 *Wear suitable protective clothing, gloves and eye / face protection*  
S45 *In case of accident or if you feel unwell, Seek medical advice*

## 2.3 Other hazards

Substances contained in the mixture do meet the criteria for Entry 50 of Annex XVII to REACH Regulation (EC) No. 1907/2006 with amendment of Regulation (EU) No. 1272/2013, i.e. contain not more than 0.5 mg/kg for toys and 1 mg/kg for other articles for 8 PAHs listed below. More information can be found at the link below.

<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R1272&from=EN>

### Section 3: Composition/information on ingredients


#### 3.1 Substances

**Chemical characterization:** *Mixtures*

**Formula:** *Not Applicable*

**Molecular Weight:** *Not Applicable*

**Description:** *Mixture of substance listed below with nonhazardous additions.*

<b>Components</b>		Concentration (%)
CAS: 124-73-2 EINECS: 204-711-9	Diatomic nitrogen  Xi; R36/37/38, R59	90
CAS: 124-38-9 EINECS: 204-696-9	Carbon dioxide	10

### Section 4: First aid measures

#### 4.1 Description of first aid measures

**Skin contact:** take off contaminated clothes. Wash skin with water. Consult a doctor, if disturbing symptoms appear. In case of frostbite, sprinkle it with tepid water and apply a sterile dressing.

**Eye contact:** wash out with plenty of water for 10-15 min holding eyelids open. Protect non-irritated eye, remove any contact lenses. Consult a doctor, if disturbing symptoms appear. Ingestion: exposure by this route is not usually expected.

**Inhalation:** remove the victim to fresh air. Keep warm and calm. Consult a doctor, if disturbing symptoms persist.

#### 4.2 Most important symptoms and effects, both acute and delayed

**Skin contact:** in case of prolonged direct contact with the product may cause frostbite.

**Eye contact:** redness, tearing.

**Inhalation:** vapors of the product may cause drowsiness and dizziness, nausea, coordination disorders, high concentration of vapors may cause narcotic effects, in extreme cases it may lead to suffocation.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** foam, dry chemical, carbon dioxide.

**Unsuitable extinguishing media:** water jet – risk of the propagation of the flame.

### 5.2 Special hazards arising from the substance or mixture

During the fire may produce toxic fumes containing e.g. of carbon oxides. Do not inhale combustion products, they can be dangerous for human health.

### 5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Extremely flammable gas. It may form an explosive mixture with air. It is heavier than air and accumulates on the surface of the earth and in the lower parts of a room. It displaces oxygen in the air. Fire and heating lead to increase of pressure inside containers, what may lead to explosion. Remove the product from the fire zone, if it can be done safely. Cool endangered containers with water spray.

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that the effects of breakdown are removed only by trained personnel. In case of large spills, isolate the exposed area. Use personal protective equipment. Avoid skin and eyes contact. Do not inhale aerosol. Keep away from sources of ignition. Do not smoke.

### 6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Prevent from entering into drains, surface water and groundwater (explosion risk). Notify relevant emergency services.

### 6.3 Methods and material for containment and cleaning up

Collect depressurized containers mechanically. Allow gas to evaporate. Ventilate the contaminated room. Use only not sparking tools and explosion-proof equipment.

### 6.4 Reference to other sections

Appropriate conduct with waste product – see section 13. Personal protective equipment – see section 8.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Take special care when working with the product. Avoid contamination of skin and eyes. Use personal protective equipment according to section 8. Before break and after work wash hands carefully. Use in accordance with its intended purpose. Do not inhale gas. Keep away from ignition sources and open fire. Do not smoke, do not use sparking equipment, do not wear clothing unprotected against electrostatic charges. Protect containers from heat. Provide adequate ventilation. Protect against electrostatic charges. Do not spray on an open flame or other ignition source.

### 7.2 Conditions for safe storage, including any incompatibilities

Store only in tightly closed, labeled containers in a well-ventilated place. Keep away from food, beverages or feed for animals. Keep away from oxidizing agents, direct sunlight, heat and ignition sources. Do not smoke, use open fire and sparking tools within the warehouse. Store below 50°C.

### 7.3 Specific end use(s)

Product is intended for cleaning and removal of dust from office equipment.

## Section 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see section 7.

### 8.1 Control parameters

**DNELs:** Not Applicable

**PNECs:** Not Applicable

**Additional information:** No known exposure limit

### 8.2 Exposure controls

#### Appropriate engineering controls

Washing hands before rest or at end of work

#### Personal protective equipment

##### General protective and hygiene measures:

##### Breathing equipment:

A respiratory protection program that meets OSHA's 29cFR 1910.134 and ANSI Z88.2 requirements of European standard EN 149 must be followed whenever workplace conditions warrant respirator use.

##### Protection of hands:

Wear appropriate protective gloves to prevent skin exposure

##### Eye Protection:

Wear appropriate protective eyeglasses or chemical safety goggles

## Section 9: Physical and chemical properties

<b>Form:</b>	Liquid
<b>Colour:</b>	Colorless
<b>Odour:</b>	Odorless
<b>Odour threshold:</b>	Not Applicable
<b>pH-Value:</b>	Not available
<b>Change in condition:</b>	
<b>Melting point/Melting range</b>	<b>-144 ~ -110 C</b>
<b>Boiling point/Boiling range:</b>	<b>47 C</b>
<b>Flash Point:</b>	<b>Not Applicable</b>
<b>Flammability (solid, gaseous):</b>	<b>Not Applicable</b>
<b>Self-Igniting:</b>	<b>Not self-igniting under normal conditions</b>
<b>Danger of explosion:</b>	<b>Product present an explosion hazard</b>
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not available
<b>Higher:</b>	Not available
<b>Oxidizing properties:</b>	
<b>Vapour pressure:</b>	Not Available
<b>Density:</b>	>1 (air=1)
<b>Evaporation rate:</b>	Not available
<b>Solubility in / Miscibility with Water:</b>	Slight soluble in water
<b>9.2 Other information</b>	No further relevant information

## Section 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3 Possibility of hazardous reactions

Product vapors may form explosive mixtures with air.

### 10.4 Conditions to avoid

Avoid direct sunlight, heat and ignition sources, temperature above 50°C.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

High temperatures generate: Very toxic gases/vapours/fumes of: Carbon Monoxide (CO). Carbon Dioxide (CO<sub>2</sub>). Bromine. Hydrogen Bromide (HBr). Hydrogen fluoride (HF)

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity:

LC50: 120000.00ppm/-- (inhalation rat)

#### Primary irritant effect:

##### On the skin:

May cause skin irritation

##### On the eye:

Cause eyes irritation

##### Sensitization:

Sensitization possible through skin contact

#### Additional toxicological information:

No further relevant information available

## Section 12: Ecological information

### 12.1 Toxicity

Product is not classified as hazardous

### 12.2 Persistence and degradability

Not known for the mixture.

### 12.3 Bioaccumulative potential

No potential to bioaccumulate.

### 12.4 Mobility in soil

Product evaporates readily from water and soil. The gaseous components of the product quickly spread in the air.

### 12.5 Results of PBT and vPvB assessment

Not applicable.

### 12.6 Other adverse effects

Not applicable.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

**Disposal methods for the mixture:** disposal in accordance with the local legislation. Do not remove the residues from the original container.

**Disposal methods for used packing:** this waste is considered to be dangerous. Pass to certified company for utilization. Do not mix with other waste. Do not pierce or burn emptied containers.  
Legal basis: Directive 2008/98/EC, 94/62/EC.

## Section 14: Transport information

### 14.1 UN-Number

ADR: UN1950

IMDG: UN1950

IATA: UN1950

### 14.2 UN proper shipping name

ADR: AEROSOL

IMDG: AEROSOL

IATA: AEROSOL

### 14.3 Transport Hazard class(es)

ADR: 2

IMDG: 2

IATA: 2

### 14.4 Packing Group

ADR: III

IMDG: III

IATA: III

### 14.5 Special precaution user

Do not transport at high temperatures.

## Section 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No specific regulations for this product

### 12.2 national regulations:

Regulation (EC) No 1907/2006 REACH

### 12.3 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.



<b>Section 16: Other information</b>
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The content and format of this MSDSSDS are in accordance with REGULATION (EC) No 1907/2006, 1272/2008, Regulation (EU) No 453\*2010 and EU Commixion Directive 1999/45/EC, 67/548/EEC.

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**16.1 Abbreviations and acronyms**

**IMDG:** International Maritime Code of Dangerous Goods

**IATA:** Internation Air Transport Association

**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals

**DNEL:** Derived No-Effect Level (REACH)

**PNEC:** Predicted No-Effect Concentration (REACH)

**LC50:** Lethal concentration, 50 percent

**LD:** Lethal dose, 50 percent

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