



## Crystel Cry-Spore

pure<sup>11</sup>-Nr.: 09019, Hersteller: Tristel



### Zusammenfassung

- Achtung: Dieses Produkt wurde vom Hersteller eingestellt. Wie beraten Sie zu Alternativen!
- Zwei-Komponenten-System zur Herstellung einer Chlordioxid-Lösung (sporizides Desinfektionsmittel)
- Ein 4,9 Liter Basenkonzentrat, das mit 100 ml Aktivator aktiviert wird
- Gammabestrahlt, aseptisch abgefüllt und zweifach verpackt
- Einwirkzeit: 5 Minuten
- Mikrobiologisch getestet nach den Normen: EN1276, EN1650, EN13704, EN13697 sowie Validierung der Sterilität
- 25 kGy VDmax Dose, EN ISO 11137
- Bitte beachten: Desinfektionsmittel vorsichtig verwenden. Vor Gebrauch stets Etikett und Produktinformationen lesen.

### Empfohlene Reinraumklassen

ISO	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GMP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Produktvarianten

pure<sup>11</sup>-Nr.: 09019

Herst.-Nr.: CRY120 / VE: 2 Stück

Quelle: <https://www.pure11.de/crystel-cry-spore-0>

# CRY-SPORE

**Ein zweiteilig aktiviertes Chlordioxid, sporizides Desinfektionsmittel zur Desinfektion der Umgebung und von Oberflächen.**

## EMPFOHLENE ANWENDUNG

Cry-Spore eignet sich ideal zur Desinfektion von Wänden und Böden und ist für die meisten Oberflächen in pharmazeutischen Betrieben geeignet.

## GEBRAUCHSANWEISUNG

Alle Packungen nur zur Verwendung auf vorgereinigte Oberflächen. Warten Sie 10 Minuten, bevor Sie das Mittel einsetzen, um eine Aktivierung zu ermöglichen.

Nur zum beruflichen Gebrauch, detaillierte Gebrauchshinweise finden Sie auf dem Produktetikett und dem Produktauswahlblatt.

### Konzentrat - 100ml

Diese Packungsgröße enthält 100ml Basenkonzentrat und 100ml Beschleunigerkonzentrat, die vor Gebrauch verdünnt werden müssen. Geben Sie zunächst 100 ml des Aktivators in 4,8 l Wasser, anschließend geben Sie unverzüglich 100 ml der Basenlösung hinzu. Warten Sie 10 Minuten, bevor Sie das Mittel einsetzen, um eine Aktivierung zu ermöglichen.

### Gebrauchsfertig - 5L

Diese Packung enthält 4,9l gebrauchsfertiges Basenkonzentrat und 100ml Beschleunigerkonzentrat, um eine 2% gebrauchsfertige Lösung zu erhalten. Geben Sie 100 ml des Aktivators in 4,9 l der Basenlösung. Warten Sie 10 Minuten, bevor Sie das Mittel einsetzen, um eine Aktivierung zu ermöglichen.

## STANDARDS UND RICHTLINIEN

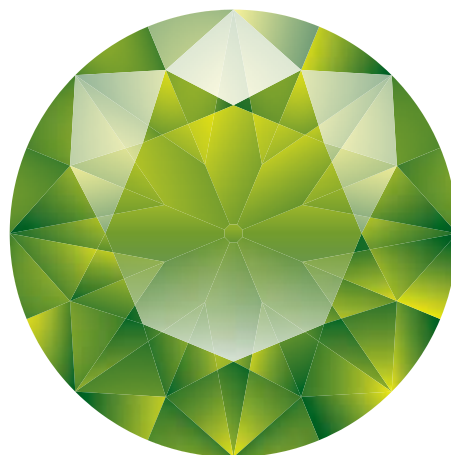
**Das Produkt ist registriert oder entspricht den folgenden Richtlinien:**



- BS EN ISO 9001 :2008
- Biozid-Richtlinie 98/8/EG
- 1907/2006/EG REACH (Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe)

## PRODUKTANALYSE

**Die folgenden Tests wurden am Produkt durchgeführt:**

- Mindesthaltbarkeitstest
- TOC - Gesamter organischer Kohlenstoff
- COD - Chemischer Sauerstoffbedarf
- Stickstoff-/Phosphorgehalt
- Untersuchungen zur Zersetzung



PACKUNGSGRÖSSEN	STERIL / UNSTERIL	VERDÜNNUNG	PRODUKTCODE	PACKUNGEN PRO PALETTE
 25x 100ml A 100ml B	Steril	Konzentrat, Verdünnung auf 2% v/v	<b>CRY119</b>	48
 100ml A 4.9L B	Steril	Gebrauchsfertig	<b>CRY120</b>	72

A = Beschleuniger B = Base

## MIKROBIOLOGISCHE TESTDATEN

- EN1276
- EN1650
- EN13697
- Validierung der Sterilität

## ZERTIFIZIERUNG

- Analysezertifikat mit jeder Charge
- Überprüfung zur Sterilität

## SAFETY DATA SHEET CRY-SPORE RTU WORKING SOLUTION

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Compilation date: 04/10/12

Revision date: 30/04/2015

Revision No: 5

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

#### 1.1. Product identifier

**Product name:** CRY-SPORE RTU WORKING SOLUTION

**Product code:** CRY/SPO/023

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

**Use of substance / mixture:** Disinfectant solution. For professional use only. Uses advised against: Uses other than the intended use of the product

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Tristel Solutions Limited

Lynx Business Park

Fordham Road

Newmarket

Cambridgeshire

CB8 7NY

United Kingdom

**Tel:** +44 (0) 1638 721 500

**Fax:** +44 (0) 1638 721 911

**Email:** healthandsafety@tristel.com

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1638 721 500

(office hours only)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** This product has no classification under CLP.

#### 2.2. Label elements

**Label elements:** This product has no label elements.

#### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

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**Non-classified ingredients:**

CHLORINE DIOXIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
233-162-8	10049-04-4	-	Acute Tox. 3: H301; Skin Corr. 1B: H314; Aquatic Acute 1: H400	<1%

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Rinse eyes with water and seek medical advice if irritation persists.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Flush to drain with copious amounts of water

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**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Wash down the drain with large amounts of water.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**7.3. Specific end use(s)**

**Specific end use(s):** Disinfectant Solution. For professional use only.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	0.1ppm	0.3ppm	-	-

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Pale Yellow

**Odour:** Odourless

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** No data available.

**Viscosity:** No data available.

[cont...]

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**Boiling point/range °C:** No data available.

**Melting point/range °C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point °C:** No data available.

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability °C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 0.995-1.005

**pH:** 2.5-5.5

**VOC g/l:** No data available.

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

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**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil. Not classified as environmentally hazardous.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** Not applicable

**14.2. UN proper shipping name**

**Shipping name:** NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

**14.3. Transport hazard class(es)**

**Transport class:** Not applicable (Not+applicable)

**14.4. Packing group**

**Packing group:** Not applicable

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** Not applicable

**Transport category:** Not applicable

**IMDG seg. group:** NOT APPLICABLE

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**Transport in bulk:** Not applicable

[cont...]

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**Section 15: Regulatory information**

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

**Specific regulations:** This product has been classified in accordance with CLP and CHIP regulations and compiled in accordance with Annex II of REACH.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H301: Toxic if swallowed.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

[cont...]



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**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.