

# SAFETY DATA SHEET

Issue Date No data available

Revision Date 28-Mar-2018

Version 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Product Code CC202, CC204  
18151  
Product Name ConvoCare

### Other means of identification

### Recommended use of the chemical and restrictions on use

Use only for the purpose on the product label.

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

#### **Manufacturer / Manufactured For**

Convotherm Elektrogerate GMBH  
Talstrasse 35, 82436 Eglfing Germany  
T+49(0)8847 67-0  
F +49(0)8847 414  
www.convotherm.com

#### Emergency telephone number

24 Hour Emergency Phone Number: Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation

Category 3

### Label elements

#### **Emergency Overview**

#### **Warning**

#### **Hazard statements**

Causes mild skin irritation

**Appearance** Light, Green

**Physical state** Liquid

**Odor** Mild

#### **Precautionary Statements - Response**

Specific Treatment (See Section 4 on the SDS).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN: If skin irritation occurs: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Drink plenty of water.

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep out of reach of children.

#### **Precautionary Statements - Disposal**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Hazards not otherwise classified (HNOC)**

#### Other Information

Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name   | CAS No.   | Weight-% | Trade Secret |
|-----------------|-----------|----------|--------------|
| Phosphoric Acid | 7664-38-2 | .1-1     | *            |
| Citric Acid     | 77-92-9   | .1-1     | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures**

|                     |                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. |
| <b>Eye contact</b>  | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists, call a physician.            |
| <b>Inhalation</b>   | If mists/vapors are formed or irritation occurs, leave area and do not return until mists/vapors have dissipated. If irritation persists, see a physician.                                    |
| <b>Ingestion</b>    | Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. If irritation persists, see a physician.                                   |

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

**Symptoms** No Information available.

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

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No Information available.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

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

|                                |                                                                                                                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so.                                                                                                                                                                                        |
| <b>Methods for cleaning up</b> | Use personal protective equipment as required. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. |

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** Strong oxidizing agents. Strong bases. Strong reducing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical Name                | ACGIH TLV                                             | OSHA PEL                                                                                              | NIOSH IDLH                                                                            |
|------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Phosphoric Acid<br>7664-38-2 | STEL: 3 mg/m <sup>3</sup><br>TWA: 1 mg/m <sup>3</sup> | TWA: 1 mg/m <sup>3</sup><br>(vacated) TWA: 1 mg/m <sup>3</sup><br>(vacated) STEL: 3 mg/m <sup>3</sup> | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 1 mg/m <sup>3</sup><br>STEL: 3 mg/m <sup>3</sup> |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash.

**Individual protection measures, such as personal protective equipment**

|                                 |                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>      | Tight sealing safety goggles.                                                                                                                                                                                                                                                                                                                        |
| <b>Skin and body protection</b> | Wear chemical resistant gloves.                                                                                                                                                                                                                                                                                                                      |
| <b>Respiratory protection</b>   | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators or air purifying respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |

**General Hygiene** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                |                          |
|----------------|--------------------------|
| Physical state | Liquid                   |
| Appearance     | Light, Green             |
| Odor           | Mild                     |
| Odor threshold | No Information available |

| <u>Property</u>                            | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------------------|--------------------------|-------------------------|
| pH                                         | 2.0 - 3.0                |                         |
| Specific Gravity                           | 1.042                    |                         |
| Viscosity                                  | No Information available |                         |
| Melting point/freezing point               | No Information available |                         |
| Boiling point / boiling range              | No Information available |                         |
| Flash point                                | > 212 ° F Degrees        | Tag Closed Cup          |
| Evaporation rate                           | No Information available |                         |
| Flammability (solid, gas)                  | No Information available |                         |
| Upper flammability limit:                  | No Information available |                         |
| Lower flammability limit:                  | No Information available |                         |
| Vapor pressure                             | No Information available |                         |
| Vapor density                              | No Information available |                         |
| Water solubility                           | Complete                 |                         |
| Partition Coefficient<br>(n-octanol/water) | No Information available |                         |
| Autoignition temperature                   | No Information available |                         |
| Decomposition temperature                  | No Information available |                         |

**Other Information**

|                 |                          |
|-----------------|--------------------------|
| Density Lbs/Gal | No Information available |
| VOC Content (%) | No Information available |

**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Strong oxidizing agents. Strong bases. Strong reducing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                     |                    |
|---------------------|--------------------|
| Product Information | No data available  |
| Inhalation          | No data available. |
| Eye contact         | No data available. |
| Skin Contact        | No data available. |

Ingestion No data available.

**Information on toxicological effects**

Symptoms No Information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Sensitization No Information available.  
Germ cell mutagenicity No Information available.  
Carcinogenicity No Information available.  
Reproductive toxicity No Information available.  
STOT - single exposure No Information available.  
STOT - repeated exposure No Information available.  
Aspiration hazard No Information available.

**Numerical measures of toxicity - Product Information**

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

0.1% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name                | Algae/aquatic plants | Fish                                               | Crustacea                            |
|------------------------------|----------------------|----------------------------------------------------|--------------------------------------|
| Phosphoric Acid<br>7664-38-2 | -                    | 3 - 3.5: 96 h Gambusia affinis mg/L<br>LC50        | 4.6: 12 h Daphnia magna mg/L<br>EC50 |
| Citric Acid<br>77-92-9       | -                    | 1516: 96 h Lepomis macrochirus<br>mg/L LC50 static | 120: 72 h Daphnia magna mg/L<br>EC50 |

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

| Chemical Name          | Partition coefficient |
|------------------------|-----------------------|
| Citric Acid<br>77-92-9 | -1.72                 |

Other adverse effects No Information available.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Phosphoric Acid<br>7664-38-2 | Corrosive                         |

**14. TRANSPORT INFORMATION**

The shipping classification information in this section (Section 14) is meant as a guide to the overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under 49 CFR, IATA and IMDG to assure regulatory compliance.

**DOT** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

|               |                 |
|---------------|-----------------|
| TSCA          | Complies        |
| DSL/NDL       | Complies        |
| EINECS/ELINCS | Does not comply |
| ENCS          | Does not comply |
| IECSC         | Complies        |
| KECL          | Complies        |
| PICCS         | Does not comply |
| AICS          | Complies        |

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.  
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List.  
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.  
 ENCS - Japan Existing and New Chemical Substances  
 IECSC - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances  
 AICS - Australian Inventory of Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

|                                   |    |
|-----------------------------------|----|
| Acute health hazard               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical Name                | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Phosphoric Acid<br>7664-38-2 | 5000 lb                     | -                      | -                         | X                          |

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

| Chemical Name                | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|------------------------------|--------------------------|----------------|--------------------------------------------|
| Phosphoric Acid<br>7664-38-2 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Phosphoric Acid<br>7664-38-2 | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

HMIS Health hazards 2 Flammability 0 Physical hazards 0 Personal protection X

**Legend**

N/A - Not Applicable  
N/E - Not Established  
N/D - Not Determined  
N/K - Not Known

Revision Date 28-Mar-2018  
Revision Note No Information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

