## SAFETY DATA SHEET

## 1. Product and Company Identification

Product identifier	CONVOCARE 1:19				
Other means of identification	Not available				
Recommended use	Oven cleaner - Industrial applications				
Recommended restrictions	None known.				
lanufacturer/Importer/Supplier	/Distributor information				
lanufacturer					
Company name Address	Convotherm Germany CONVOTHERM Elektrogeräte GmbH Talstrasse 35 82436 Eglfing Germany				
Telephone	+49 8847 67-0				
E-mail	Not available.				
Emergency phone number	011 49 89 19240				
upplier Cleveland Range, LLC 1333 E. 179th St. Cleveland, OH 44110 US					
	2. Hazards Identification				
Physical hazards	Not classified.				
lealth hazards	Not classified.				
nvironmental hazards	Not classified.				
SHA defined hazards	Not classified.				
abel elements					
Hazard symbol	None.				
Signal word Not available.					
Hazard statement	Not available.				
Precautionary statement					
Prevention	Not available.				
Response	Not available.				
Storage	Not available.				
Disposal	Not available.				
lazard(s) not otherwise lassified (HNOC)	None known.				
Supplemental information	None.				
	3. Composition/Information on Ingredients				
lixture					
Composition comments	Non-hazardous by WHMIS/OSHA criteria				
	4. First Aid Measures				
nhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.				
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.				
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.				
ngestion	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.				
Most important symptoms/effects, acute and delayed	nportant Not available. oms/effects, acute and				

<b>General information</b> If you feel unwell, seek medical advice (show the label where possible). Ensure that med personnel are aware of the material(s) involved, and take precautions to protect themselv this safety data sheet to the doctor in attendance.				
	5. Fire Fighting Measures			
Suitable extinguishing media	Dry chemical. Carbon dioxide. Water spray. Alcohol foam.			
Unsuitable extinguishing media	Not available.			
Specific hazards arising from the chemical	Firefighters should wear a self-contained breathing apparatus.			
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.			
Hazardous combustion products	May include and are not limited to: Oxides of phosphorus.			
Explosion data				
Sensitivity to mechanical impact	Not available.			
Sensitivity to static discharge	Not available.			
	6. Accidental Release Measures			
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.			
Methods and materials for containment and cleaning up	Stop leak if you can do so without risk. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.			
Environmental precautions	Prevent entry into waterways, sewers, basements or confined areas.			
	7. Handling and Storage			
Precautions for safe handling	Use good industrial hygiene practices in handling this material. Avoid contact with eyes and skin. Wash thoroughly after handling.			
Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Store in a closed container away from incompatible materials.			
	8. Exposure Controls/Personal Protection			
Occupational exposure limits	No exposure limits noted for ingredient(s).			
Biological limit values	No biological exposure limits noted for the ingredient(s).			
Exposure guidelines	This material does not have established exposure limits.			
Appropriate engineering controls	General ventilation normally adequate.			
Individual protection measures,	such as personal protective equipment			
Eye/face protection	Wear safety glasses with side shields.			
Skin protection				
Hand protection	Rubber gloves. Confirm with a reputable supplier first.			
Other As required by employer code. Rubber apron recommended.				
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.			
Thermal hazards	Not available.			
General hygiene considerations	Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.			
	9. Physical and Chemical Properties			
Appearance	Clear			
Physical state	Liquid.			
Form	Liquid			
• •				

Color

Odor

**Odor threshold** 

Green

Odorless

Not available.

pH 2.3 @20°C Melling pointforcting point Net available. Pour point Not available. Specific gravity Not available. Fish point Not available. Fish point Not available. (************************************							
Initial boiling point and boiling 212 °F (100 °C) range Pour point Not available. Specific gravity Not available. Partition coefficient Not available. Fammability (socied, gas) Not available. Fiammability (socied, gas) Not available. Explosive limit - lower (%) Not available. Other information Density Not available. Other information Density 1.00 g/cm3 Reactivity Reacts vigorously with alkaline material. This product may react with reducing agents. Possibility of hazardous Phymerization does not occur. Factions Conditions to avoil Do nor mix with other chemics. Slowly corredes aluminum and zine under hydrogen evolution. Incompatible materials Bases. Reducing agents. Products Nation May include and are not limited to: Oxdes of phosphorus. Products Findemation May include and are not limited to: Oxdes of phosphorus. Products Sline contact. Prolonged skin contact. Inhalation. Explose the advertises are not known or expected under normal use. Skin contact Prolonged skin contact may cause skin initiation. Eye contact May be initiating to eyes. Symptoms related to the Direct contact with eyes may cause temporary irritation, redness, or disconfort. Information on toxicological effects Acute toxicity Not available. Skin correaction May toxicidable. Skin correact	рН	2.3 @20°C					
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Other information Density         1.00 g/cm3           ID. Stability and Reactivity           Reactivity           Reacts vigorously with alkaline material. This product may react with reducing agents.           Possibility of hazardous reactions           Conditions to avoid           Do not mix with other chemicals. Slowly corrodes aluminum and zinc under hydrogen evolution.           Incompatible materials         Bases. Reducing agents.           Hazardous decomposition products         May include and are not limited to: Oxides of phosphorus. products <b>11. Toxicological Information</b> Routes of exposure           Ingestion         May cause stomach distress, nausea or vomiting. Information on likely routes of exposure           Ingestion         May cause stomach distress, nausea or vomiting. Inhalation           Health injuries are not known or expected under normal use. Skin contact         Prolonged skin contact may cause skin irritation. Eye contact           May be irritating to eyes.         Symptoms related to the Direct contact with eyes may cause temporary irritation. Skin contact exposure may include stinging, tearing, redness, swelling of the eyes, and blurred vision. Skin contact. Exposure may cause temporary irritation. Skin contact. Exposure may cause temporary irritation. Skin contact. Exposure may cause temporary irritation. Skin contact is skin contact may cause skin irritation.           Exposure minutes	Decomposition temperature						
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Possibility of hazardous       Hazardous polymerization does not occur.         reactions       Stable under recommended storage conditions.         Conditions to avoid       Do not mix with other chemicals.         Slowly corrodes aluminum and zinc under hydrogen evolution.       Incompatible materials         Bases. Reducing agents.       Hazardous decomposition products         Hazardous decomposition products       May include and are not limited to: Oxides of phosphorus.         Products       11. Toxicological Information         Routes of exposure       Eye, Skin contact, Inhalation, Ingestion.         Information on likely routes of exposure       Ingestion.         Information       Health injuries are not known or expected under normal use.         Skin contact       Prolonged skin contact may cause skin irritation.         Eye contact       May be irritating to eyes.         Symptoms related to the phymotosic ostic contact with eyes may cause temporary irritation.       Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision.         Information on toxicological effects       Acute toxicity       Not available.         Skin corrosion/irritation       Prolonged skin contact may cause skin irritation.       Exposure minutes         Not available.       Exposure minutes       Not available.		10. Stability and Reactivity					
reactions Chemical stability Chemical stability Stable under recommended storage conditions. Conditions to avoid Do not mix with other chemicals. Slowly corrodes aluminum and zinc under hydrogen evolution. Incompatible materials Bases. Reducing agents. Hazardous decomposition products Hazardous decomposition products T1. Toxicological Information Routes of exposure Eye, Skin contact, Inhalation, Ingestion. Information on likely routes of exposure Ingestion Inhalation Health injuries are not known or expected under normal use. Skin contact Eye contact May be irritating to eyes. Symptoms related to the physical, chemical and Symptoms related to the physical, chemical and Skin contact. Exposure may cause temporary irritation. Information on toxicological effects Acute toxicity Not available. Exposure minutes Not available. Erythema value Not available.	Reactivity	Reacts vigorously with alkaline material. This product may react with reducing agents.					
Conditions to avoid       Do not mix with other chemicals. Slowly corrodes aluminum and zinc under hydrogen evolution.         Incompatible materials       Bases. Reducing agents.         Hazardous decomposition products       May include and are not limited to: Oxides of phosphorus. <b>11. Toxicological Information</b> Routes of exposure         Eye, Skin contact, Inhalation, Ingestion.         Information on likely routes of exposure       Eye, Skin contact, Inhalation, Ingestion.         Information on likely routes of exposure       May cause stomach distress, nausea or vomiting.         Inhalation       Health injuries are not known or expected under normal use.         Skin contact       Prolonged skin contact may cause skin irritation.         Eye contact       May be irritating to eyes.         Symptoms related to the physical, chemical and toxicological characteristics       Direct contact with eyes may cause temporary irritation.         Skin contoxicity       Not available.         Skin corrosion/irritation       Prolonged skin contact may cause skin irritation.         Exposure minutes       Not available.         Skin corrosion/irritation       Prolonged skin contact may cause skin irritation.         Exposure minutes       Not available.         Erythema value       Not available.		Hazardous polymerization does not occur.					
Incompatible materials       Bases. Reducing agents.         Hazardous decomposition products       May include and are not limited to: Oxides of phosphorus.         Incompatible materials       May include and are not limited to: Oxides of phosphorus.         Incompatible materials       May include and are not limited to: Oxides of phosphorus.         Indext of exposure       Eye, Skin contact, Inhalation, Ingestion.         Information on likely routes of exposure       Ingestion.         Ingestion       May cause stomach distress, nausea or vomiting.         Inhalation       Health injuries are not known or expected under normal use.         Skin contact       Prolonged skin contact may cause skin irritation.         Eye contact       May be irritating to eyes.         Symptoms related to the physical, chemical and toxic.       Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision.         Skin cortoclogical effects       Acute toxicity         Acute toxicity       Not available.         Skin corrosion/irritation       Prolonged skin contact may cause skin irritation.         Exposure minutes       Not available.         Kot available.       Not available.	Chemical stability	Stable under recommended storage conditions.					
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Exposure minutesNot available.Erythema valueNot available.	Acute toxicity	Not available.					
Erythema value Not available.	Skin corrosion/irritation	Prolonged skin contact may cause skin irritation.					
-	Exposure minutes	Not available.					
Oedema value Not available.	Erythema value	Erythema value Not available.					
	Oedema value	Oedema value Not available.					

Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Corneal opacity value	Not available.
Iris lesion value	Not available.
Conjunctival reddening value	Not available.
Conjunctival oedema value	Not available.
Recover days	Not available.
Respiratory or skin sensitizatior	1
<b>Respiratory sensitization</b>	Not available.
Skin sensitization	Not available.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Teratogenicity	No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	Not classified.
Further information	Not available.
Name of Toxicologically Synergistic Products	Not available.
	12. Ecological Information
Ecotoxicity	Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	Not available.
Mobility in general	Not available.
Other adverse effects	Not available.
	13. Disposal Considerations
Disposal instructions	Review federal, provincial, and local government requirements prior to disposal.
Hazardous waste code	Not regulated.
Waste from residues / unused products	Not available.
Contaminated packaging	Not available.
	14. Transport Information
U.S. Department of Transportati Not regulated as dangerous g Transportation of Dangerous Go Not regulated as dangerous g	oods. oods (TDG - Canada)
	15. Regulatory Information
Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
WHMIS status	Not Controlled

US federal regulations

Communication Standard, 29 CFR 1910.1200.

This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard

Not Controlled

WHMIS status

	Notification (40 CFR 707, Subpt. D)	
Not regulated. CERCLA Hazardous Substa	ance List (40 CER 302 4)	
Not listed.		
	n 112(r) Accidental Release Prevention (40 CFR 68.130)	
Not regulated.		
Clean Air Act (CAA) Section	n 112 Hazardous Air Pollutants (HAPs) List	
Not regulated.		
Superfund Amendments and Re	eauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No	
SARA 302 Extremely hazardous substance	No	
SARA 311/312 Hazardous chemical	No	
SARA 313 (TRI reporting) Not regulated.		
Other federal regulations		
Safe Drinking Water Act (SDWA)	Not regulated.	
Food and Drug Administration (FDA)	Not regulated.	
US state regulations	This product does not contain a chemical known to the State of Califor defects or other reproductive harm.	nia to cause cancer, birth
US - California Proposi	tion 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substa	nce
Not listed. US. Massachusetts RT	K - Substance List	
Not regulated. US. Pennsylvania RTK	- Hazardous Substances	
Not regulated. US. Rhode Island RTK		
Not regulated.		
Inventory status	Inventory nome	On inventory (use to -)*
Country(s) or region Canada	Inventory name Domestic Substances List (DSL)	<b>On inventory (yes/no)</b> * Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
	nents of this product comply with the inventory requirements administered by the	

## 16. Other Information

LEGEND	j	HEALTH / 1	0
Severe	4	FLAMMABILITY 0	
Serious Moderate	3 2	PHYSICAL HAZARD 0	
Slight Minimal	1 0	PERSONAL X	

Disclaimer For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. The above SDS reflects the latest information on file with respect to hazards, properties and handling of this product. No warranty however, expressed or implied, is made with regard to the use of this information. 09-December-2014 Issue date Effective date 01-December-2014 01-December-2017 Expiry date Not available. **Further information** Dell Tech Laboratories, Ltd. Phone: (519) 858-5021 Prepared by