

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

CONVOClean new S

UFI: TT2S-QUH9-XJ9G-V35J

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

Cleaning agent

Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Company name:	Convoetherm Elektrogeräte GmbH	
Street:	Talstr. 35	
Place:	D-82436 Egling	
Telephone:	+49 8847 67 0	Telefax: +49 8847 414
E-mail:	info@welbilt.com	
Contact person:	Kundendienst - after sales	
E-mail:	info@welbilt.com	

1.4. Emergency telephone number:

England and Wales (NHS Direct): 111 Scotland (NHS 24): 111

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****GB CLP Regulation**

Skin Irrit. 2; H315
 Eye Irrit. 2; H319
 STOT SE 3; H335

Full text of hazard statements: see SECTION 16.

2.2. Label elements**GB CLP Regulation****Hazard components for labelling**

Potassium carbonate

Signal word: Warning**Pictograms:****Hazard statements**

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

Precautionary statements

P234	Keep only in original packaging.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362	Take off contaminated clothing.

Safety Data Sheet

according to UK REACH Regulation

CONVOCLEAN new S

Revision date: 03.08.2023

Product code: 3050884

Page 2 of 10

P312

Call a POISON CENTER/doctor if you feel unwell.

2.3. Other hazards

This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
584-08-7	Potassium carbonate			30 - < 35 %
	209-529-3		01-2119532646-36	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			
37971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid			1 - < 5 %
	253-733-5		01-2119436643-39	
	Met. Corr. 1, Eye Irrit. 2; H290 H319			
1300-72-7	Sodium xlenesulphonate			1 - < 5 %
	215-090-9		01-2119513350-56	
	Eye Irrit. 2; H319			
	Amines, C12-14 (even numbered) -alkyldimethyl, N-oxides			
931-292-6			01-2119490061-47	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H400 H411			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
584-08-7	209-529-3	Potassium carbonate	30 - < 35 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg		
37971-36-1	253-733-5	2-Phosphonobutane-1,2,4-tricarboxylic acid	1 - < 5 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg		
1300-72-7	215-090-9	Sodium xlenesulphonate	1 - < 5 %
	inhalation: LC50 = 557 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 7000 mg/kg		
931-292-6		Amines, C12-14 (even numbered) -alkyldimethyl, N-oxides	1 - < 5 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg Aquatic Acute 1; H400: M=1		

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % phosphates, < 5 % phosphonates, < 5 % anionic surfactants, < 5 % non-ionic surfactants, < 5 % amphoteric surfactants.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Change contaminated clothing.

After inhalation

In case of inhaling spray mist, consult a doctor immediately and show him packing or label.

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 3 of 10

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye.

After ingestion

Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting. Call a physician immediately.

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

Gastrointestinal complaints, Nausea.

Observe risk of aspiration if vomiting occurs. Subsequent observance for pneumonia and lung oedema.

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

First Aid, decontamination, treatment of symptoms.

Subsequent observance for pneumonia and lung oedema.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Water, Foam, Dry extinguishing powder, ABC-powder, Carbon dioxide (CO2), Water spray.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides (NOx), Carbon dioxide (CO2), Carbon monoxide.

5.3. Advice for firefighters

The product itself does not burn. In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

Contaminated fire-fighting water must be collected separately. Do not inhale explosion and combustion gases.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Avoid contact with skin, eyes and clothes. Provide adequate ventilation. Wear personal protection equipment.

High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Clear contaminated areas thoroughly. Dilute with plenty of water. The contaminated area should be cleaned up immediately with: Water.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 4 of 10

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.
Conditions to avoid: Formation of aerosol.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Protect skin by using skin protective cream.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Suitable material for Container: Polyethylene. Unsuitable materials for Container: Metal.

Hints on joint storage

Do not store together with: Acid. Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Do not store at temperatures under: 5°C. Protect from direct sunlight. Keep only in the original container in a cool, well-ventilated place.

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
DNEL type				
584-08-7	Potassium carbonate	inhalation	local	10,0 mg/m ³
Worker DNEL, long-term				

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls**Appropriate engineering controls**

See section 7. No additional measures necessary.

Individual protection measures, such as personal protective equipment**Eye/face protection**

It is recommended to wear tightly fitting safety glasses.

Hand protection

It is recommended to wear special 0.11mm-layer gloves produced out of nitrile by KCL company (Dermatril, item nr. 740).

Skin protection

No special measures are necessary.

Respiratory protection

Respiratory protection necessary at: insufficient ventilation, aerosol or mist formation.
Suitable respiratory protective equipment: Particle filter device (EN 143) P 2

Environmental exposure controls

No information available.

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 5 of 10

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	light brown
Odour:	odourless
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	> 100 °C
Flammability:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	not applicable
Auto-ignition temperature:	not applicable
Decomposition temperature:	not determined
pH-Value (at 20 °C):	11.3
Viscosity / kinematic:	not determined
Water solubility: (at 20 °C)	miscible
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 20 °C)	23 hPa
Vapour pressure: (at 50 °C)	123 hPa
Density (at 20 °C):	1,367 g/cm³
Bulk density:	not applicable
Relative vapour density:	not determined

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties	not applicable
Self-ignition temperature	not applicable
Solid:	not applicable
Gas:	not applicable

Oxidizing properties

Not oxidising.

Other safety characteristics

Evaporation rate:	not determined
Solvent content:	not applicable
Solid content:	ca. 35 %
Softening point:	not applicable
Viscosity / dynamic:	not determined
Flow time:	not determined

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 6 of 10

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Exothermic reactions with: Acid.

10.4. Conditions to avoid

Protect from direct sunlight.

10.5. Incompatible materials

Acid

10.6. Hazardous decomposition products

In case of fire may be liberated: Nitrogen oxides (NOx), Carbon dioxide (CO2), Carbon monoxide.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
584-08-7	Potassium carbonate				
	oral	LD50 mg/kg	> 2000	Rat	
	dermal	LD50 mg/kg	> 2000	Rabbit	
37971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid				
	oral	LD50 mg/kg	> 2000	Rat	
	dermal	LD50 mg/kg	> 2000	Rabbit	
1300-72-7	Sodium xylenesulphonate				
	oral	LD50 mg/kg	> 7000	Rat	
	dermal	LD50 mg/kg	> 2000	Rabbit	
	inhalation (4 h) vapour	LC50	557 mg/l	Rat	
Amines, C12-14 (even numbered) -alkyldimethyl, N-oxides					
	oral	LD50 mg/kg	> 2000	Rat	
	dermal	LD50 mg/kg	> 2000	Rat	

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 7 of 10

STOT-single exposure

May cause respiratory irritation. (Potassium carbonate)

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards**Endocrine disrupting properties**

not applicable

SECTION 12: Ecological information**12.1. Toxicity**

There are no data available on the mixture itself.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
584-08-7	Potassium carbonate					
	Acute fish toxicity	LC50 68 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute crustacea toxicity	EC50 200 mg/l	48 h	Daphnia pulex (water flea)		
1300-72-7	Sodium xylenesulphonate					
	Acute fish toxicity	LC50 > 400 mg/l	96 h	Pimephales promelas		
	Acute crustacea toxicity	EC50 > 40,3 mg/l	48 h	Daphnia magna		
	Amines, C12-14 (even numbered) -alkyldimethyl, N-oxides					
	Acute fish toxicity	LC50 1,26 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50 0,19 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 2,9 mg/l	48 h	Daphnia magna (Big water flea)		

12.2. Persistence and degradability

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

CAS No	Chemical name	Method	Value	d	Source
	Evaluation				
1300-72-7	Sodium xylenesulphonate	OECD 301B	99,8	28	
	Readily biodegradable (according to OECD criteria).				

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
37971-36-1	2-Phosphonobutane-1,2,4-tricarboxylic acid	-1,36
1300-72-7	Sodium xylenesulphonate	-3,12
	Amines, C12-14 (even numbered) -alkyldimethyl, N-oxides	< 2,7

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 8 of 10

12.4. Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

not applicable

12.7. Other adverse effects

none

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

List of Wastes Code - used product

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Water. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning. Cleaned containers may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 9 of 10

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

14.6. Special precautions for user

not relevant

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

2010/75/EU (VOC):

not relevant

Additional information

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D):

1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**

Met. Corr: Corrosive to metals

Acute Tox: Acute toxicity

Skin Irrit: Skin irritation

Eye Dam: Eye damage

Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H335	Calculation method

Relevant H and EUH statements (number and full text)

H290 May be corrosive to metals.

H302 Harmful if swallowed.

Safety Data Sheet

according to UK REACH Regulation

CONVOClean new S

Revision date: 03.08.2023

Product code: 3050884

Page 10 of 10

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)