



# Safety Data Sheet

SDS no. PID20036

## CONQOR\* 404 EH

Revision date 14/May/2024

Supersedes Date: 13/Mar/2019

Version 5

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name CONQOR\* 404 EH  
Product code PID20036  
UFI: H750-60SQ-J006-E0K4

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

Recommended Use Corrosion inhibitor

Uses advised against Consumer use

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

Supplier  
Schlumberger Oilfield UK LTD  
Minerva, Manor Royal London Road  
Crawley  
RH10 9BU  
United Kingdom

+44 1293 556655

SDS@slb.com

#### 1.4 Emergency Telephone Number

Emergency telephone (24 Hour) Australia +61 2801 44558, Asia Pacific +65 3158 1074, China +86 10 5100 3039, Europe +44 (0) 1235 239 670, Middle East and Africa +44 (0) 1235 239 671, New Zealand +64 9929 1483, USA 001 281 561 1600

#### National Poison Center Numbers

Austria	+43 1 406 43 43
Bulgaria	+359 2 9154 233
Croatia	+385 1 23 48 342
Cyprus	1401
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
France	ORFILA (INRS): +33 1 45 42 59 59
Hungary	+36 80 201 199 (0-24 hours, free of charge - only from Hungary) +36 1 476 6464 (0-24 hours, for a normal fee - also from abroad)
Italy	CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA; Roma: +39 06 68593726 Az. Osp. Univ; Foggia: +39 800183459 Az. Osp. "A. Cardarelli"; Napoli: +39 801-5453333 CAV Policlinico "Umberto I"; Roma: +39 06 49978000 CAV Policlinico "A. Gemelli"; Roma: +39 06 3054343

	Az. Osp. "Careggi" U.O. Tossicologia Medica; Firenze: +39 055 7947819 CAV Centro Nazionale di Informazione Tossicologica; Pavia: +39 0382 24444 Osp. Niguarda Ca' Granda; Milano: +39 02 66101029 Azienda Ospedaliera Papa Giovanni XXII; Bergamo: +39 800883300 Azienda Ospedaliera Integrata Verona; Verona: +39 800011858
Netherlands	NVIC: +31 (0)88 755 8000 : Only for the purpose of informing medical personnel in case of acute intoxications
Norway	Poison information centre: +47 22 59 13 00
Romania	+40 21 318 36 06

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

#### Health hazards

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Environmental hazards Not classified

Physical Hazards Not classified

### 2.2 Label elements



#### Signal word

WARNING

#### Hazard Statements

H315 - Causes skin irritation

H319 - Causes serious eye irritation

#### Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves, protective clothing, eye protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P337 + P313 - If eye irritation persists: Get medical advice/attention

#### Supplementary precautionary statements

P362 + P364 - Take off contaminated clothing and wash it before reuse

#### Contains

Potassium hydroxide



### 2.3 Other hazards

Not classified as PBT/vPvB by current EU criteria

## 3. Composition/information on Ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Component information
Potassium hydroxide	215-181-3	1310-58-3	<1	Met. Corr. 1 (H290) Acute Tox. 4 (H302) Skin Corr. 1A (H314)

### **Comments**

Potassium hydroxide added for pH adjustment.

The product contains other ingredients which do not contribute to the overall classification.

## 4. First Aid Measures

### 4.1 First aid measures

<b>Inhalation</b>	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Seek medical attention if irritation occurs.
<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Get immediate medical attention.

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

<b>General advice</b>	The severity of the symptoms described will vary dependant of the concentration and the length of exposure. If adverse symptoms develop, the casualty should be transferred to hospital as soon as possible.
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### **Symptoms**

<b>Inhalation</b>	Please see Section 11. Toxicological Information for further information.
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<b>Ingestion</b>	Please see Section 11. Toxicological Information for further information.
<b>Skin contact</b>	Please see Section 11. Toxicological Information for further information.
<b>Eye contact</b>	Please see Section 11. Toxicological Information for further information.

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

<b>Notes to physician</b>	Treat symptomatically.
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### **5. Fire-Fighting Measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Water Fog, Alcohol Foam, CO<sub>2</sub>, Dry Chemical.

##### **Extinguishing media which must not be used for safety reasons**

None known.

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

##### **Unusual fire and explosion hazards**

None known.

##### **Hazardous combustion products**

Thermal decomposition can lead to release of irritating gases and vapors

#### **5.3 Advice for firefighters**

##### **Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

##### **Special Fire-Fighting Procedures**

Containers close to fire should be removed immediately or cooled with water.

### **6. Accidental Release Measures**

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

Use personal protective equipment. See also section 8.

#### **6.2 Environmental precautions**

The product should not be allowed to enter drains, water courses or the soil.

##### **Environmental exposure controls**

Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.

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

##### **Methods for containment**

Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. After cleaning, flush away traces with water.

**6.4 Reference to other sections**

See section 13 for more information.

**7. Handling and Storage****7.1 Precautions for safe handling****Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Avoid spills and splashing during use.

**Hygiene Measures**

Use good work and personal hygiene practices to avoid exposure. When using do not smoke, eat or drink. Wash hands and face before breaks and immediately after handling the product. Remove contaminated clothing.

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

**Technical measures/precautions** Ensure adequate ventilation.

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

**Storage class** Chemical storage.

**Storage class, TRGS 510, Germany** Storage class 9: no classification

**Packaging materials** Use specially constructed containers only. Plastic container

**7.3 Specific end uses**

See Section 1.2.

**8. Exposure Controls/Personal Protection****8.1 Control parameters**

**Exposure limits** Because this product is a liquid, the dust-related Workplace Exposure Limits for the components do not apply.

**Component Information**

Chemical Name	EU OEL	Austria	Denmark
Potassium hydroxide	Not determined	2 mg/m <sup>3</sup> TWA inhalable fraction	2 mg/m <sup>3</sup> STEL
Chemical Name	France	Germany	Hungary
Potassium hydroxide	2mg/m <sup>3</sup> STEL	Not determined	2mg/m <sup>3</sup> TWA 2mg/m <sup>3</sup> STEL
Chemical Name	Italy	Netherlands	Norway
Potassium hydroxide	Not determined	Not determined	Not determined
Chemical Name	Poland	Portugal	Romania
Potassium hydroxide	1 mg/m <sup>3</sup> STEL NDSCh 0.5 mg/m <sup>3</sup> TWA NDS	Not determined	Not determined



Chemical Name	Spain	Switzerland	UK
Potassium hydroxide	2 mg/m <sup>3</sup> STEL	2 mg/m <sup>3</sup> TWA MAK	2 mg/m <sup>3</sup> STEL

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

**Long term exposure local effects**

Potassium hydroxide

Inhalation

1 mg/m<sup>3</sup>

**8.2 Exposure controls**

All chemical Personal Protective Equipment (PPE) should be selected based on an assessment of both the chemical hazard present and the risk of exposure to those hazards. The PPE recommendations below are based on an assessment of the chemical hazards associated with this product. Where this product is used in a mixture with other products or fluids, additional hazards may be created and as such further assessment of risk may be required. The risk of exposure and need of respiratory protection will vary from workplace to workplace and should be assessed by the user in each situation.

**Engineering Controls**

Ensure adequate ventilation. Local exhaust ventilation.

**Personal protective equipment**

**Eye protection**

Use eye protection according to EN 166, designed to protect against liquid splashes. Safety glasses with side-shields. Tightly fitting safety goggles.

**Hand protection**

Wear chemically resistant gloves (tested to EN 374) in combination with 'basic' employee training Impervious gloves made of: Neoprene PVC Rubber  
Break through time >480 minutes  
Glove thickness >=0.4 mm

**Respiratory protection**

Be aware that liquid may penetrate the gloves. Frequent change is advisable.  
No personal respiratory protective equipment normally required, In case of insufficient ventilation wear suitable respiratory equipment, Respirator with a vapor filter (EN 141), Use respirator with organic vapor protection (A, brown), At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.

**Skin and body protection**

Wear suitable protective clothing, Eye wash and emergency shower must be available at the work place.

**Hygiene Measures**

Wash hands before eating, drinking or smoking, Remove and wash contaminated clothing before re-use.



**8.2.3 Environmental exposure controls**

**Environmental exposure**

Use appropriate containment to avoid environmental contamination See section 6 for more information

## 9. Physical and Chemical Properties

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

Physical state

Liquid

Appearance

Clear

Color

No information available



Odor Slight

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	8 - 9	
pH @ dilution	No information available	
Melting point	No information available	
Boiling point/range	No information available	
Flash point	> 100 °C / > 212 °F	
Evaporation rate (BuAc =1)	No information available	
Flammability	Not applicable	
Explosion limits:		
Upper explosion limit	No information available	
Lower explosion limit	No information available	
Vapor pressure	No information available	
Relative Vapor Density	No information available	
Specific gravity	No information available	
Bulk density	No information available	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Partition Coefficient (n-octanol/water)	Not determined	
Density and/or Relative Density	1.34 - 1.39 g/ml	
Explosive properties	Not applicable	
Oxidizing properties	None known.	
<b>9.2 Other information</b>		
Pour point	No information available	
Molecular weight	No information available	
VOC content(%)	None	

**Comments**

The data listed above are typical physical and chemical properties and should not be construed as product specification.

## 10. Stability and Reactivity

**10.1 Reactivity**

No specific reactivity hazards associated with this product.

**10.2 Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3 Possibility of Hazardous Reactions****Hazardous polymerization**

Hazardous polymerization does not occur.

**10.4 Conditions to avoid**



None known.

#### **10.5 Incompatible materials**

No materials to be especially mentioned.

#### **10.6 Hazardous decomposition products**

See Section 5.2.

### **11. Toxicological Information**

#### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

##### **Acute toxicity**

<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Skin contact</b>	Causes skin irritation.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Unknown acute toxicity</b>	Not Applicable.

##### **Toxicology data for the components**

<b>Chemical Name</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Potassium hydroxide	= 284 mg/kg ( Rat )	No data available	No data available

<b>Sensitization</b>	This product does not contain any components suspected to be sensitizing.
<b>Mutagenic effects</b>	This product does not contain any known or suspected mutagens.
<b>Carcinogenicity</b>	This product does not contain any known or suspected carcinogens.

<b>Reproductive toxicity</b>	This product does not contain any known or suspected reproductive hazards.
<b>Routes of Exposure</b>	Inhalation. Skin contact. Eye contact.
<b>Routes of entry</b>	Inhalation.
<b>Specific target organ toxicity - Single exposure</b>	Not classified
<b>Specific target organ toxicity - Repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not Applicable.

#### **11.2 Information on other hazards**

<b>Endocrine disrupting properties</b>	This product does not contain any known or suspected endocrine disruptors.
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**Other information**

Key literature references and sources for data. See Section 16 for more information.

**12. Ecological Information****12.1 Toxicity**

The product component(s) are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

**Toxicity to algae**

This product is not considered toxic to algae.

**Toxicity to fish**

This product is not considered toxic to fish.

**Toxicity to daphnia and other aquatic invertebrates**

This product is not considered toxic to invertebrates.

**Toxicology data for the components**

Chemical Name	Toxicity to fish	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates
Potassium hydroxide	No information available	No information available	No information available

**12.2 Persistence and degradability**

See component information below.

Chemical Name	Persistence and degradability
Potassium hydroxide	Not Applicable - Inorganic chemical.

**12.3 Bioaccumulative potential**

See component information below.

Chemical Name	Bioaccumulation
Potassium hydroxide	Not Applicable - Inorganic chemical.

**12.4 Mobility****Mobility**

Soluble in water. See component information below.

Chemical Name	Mobility
Potassium hydroxide	Soluble in water

**Mobility in soil**

See component information below.

Chemical Name	Mobility in soil
Potassium hydroxide	Not expected to adsorb on soil

**12.5 Results of PBT and vPvB assessment**

Not classified as PBT/vPvB by current EU criteria.

**12.6 Endocrine disrupting properties.**

This product does not contain any known or suspected endocrine disruptors

**12.7 Other adverse effects**

None known.

**12.8 Additional information**

Key literature references and sources for data. See Section 16 for more information.

**13. Disposal Considerations****13.1 Waste treatment methods**

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EWC Waste Disposal No</b>	According to the European Waste Catalog, Waste Codes are not product specific, but application specific Waste codes should be assigned by the user based on the application for which the product was used The following Waste Codes are only suggestions: EWC waste disposal No: 07 01 04

**14. Transport information****14.1. UN number**

Not regulated

**14.2. UN proper shipping name**

The product is not covered by international regulation on the transport of dangerous goods

**14.3 Hazard class(es)**

<b>ADR/RID/ADN/ADG Hazard class</b>	Not regulated
<b>IMDG/ANTAQ Hazard class</b>	Not regulated
<b>ICAO/ANAC Hazard class/division</b>	Not regulated

**14.4 Packing group**

<b>ADR/RID/ADN/ADG Packing group</b>	Not regulated
<b>IMDG/ANTAQ Packing group</b>	Not regulated
<b>ICAO/ANAC Packing group</b>	Not regulated

**14.5 Environmental hazard**

No

**14.6 Special precautions**

Not Applicable



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**14.7 Maritime transport in bulk according to IMO instruments**

Please contact [SDS@slb.com](mailto:SDS@slb.com) for info regarding transport in Bulk.



## 15. Regulatory Information

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

This safety data sheet complies with the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008  
Commission Regulation (EU) No 2020/878 of 18 June 2020  
Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

#### Great Britain

UK REACH Regulations SI 2019/758 of 31 January 2019

#### Dangerous substance category per Seveso Directive (2012/18/EU)

This product does not contain substances listed under Dangerous substance category per Seveso Directive (2012/18/EU)

#### Netherlands

Dutch Mining Regulations: In accordance with Mining Regulations 9.2 and Chapter 4 of the Working Conditions Decree.

#### Germany

Chemicals act

Hazardous substances ordinance

Regulations governing systems for handling substances hazardous to waters

Germany, Water Endangering  
Classes (VwVwS)

Water endangering class = 1

Technical Rules for Hazardous  
Substances (TRGS)

TRGS 220 National aspects when compiling safety data sheets  
TRGS 510 Storage of hazardous substances in non stationary containers  
TRGS 900 Occupational exposure limits

#### International inventories

USA (TSCA)  
Canada (DSL)

Complies  
This product contains chemical(s) which is/are not listed on DSL  
but is/are listed on the NDSL.

Philippines (PICCS)

Complies

Japan (ENCS)

Does not comply

China (IECSC)

Does not comply

Australia (AICS)

Does not comply

Korean (KECL)

Does not comply

New Zealand (NZIoC)

Complies

#### Europe - REACH

All products supplied from the European Economic Area (EEA) are compliant with the REACH Regulation EC 1907/2006. For products supplied from the EEA, Schlumberger and/or its suppliers have pre-registered and is registering all of the substances that it and/or its suppliers manufactures in or imports into the EEA that are subject to Title II of the REACH Regulation. All products supplied from outside the EEA are subject to REACH only if imported into the EEA. The importer of the products must comply with REACH for each imported substance. Contact REACH@slb.com for REACH information.

### 15.2 Chemical Safety Report

No information available



## 16. Other Information

**Prepared by** Global Regulatory Compliance - Chemicals (GRC - Chemicals) , Sandra McWilliam

**Supersedes Date:** 13/Mar/2019

**Revision date** 14/May/2024

**Version** 5

**This SDS has been revised in the following section(s)** All sections. No changes with regard to classification have been made.

**Key literature references and sources for data**

www.ChemADVISOR.com

Supplier

National Chemical Inventories

National regulatory information

National occupational exposure limits

**Training Advice**

Do not handle until all safety precautions have been read and understood

Follow general hygiene considerations recognized as common good workplace practices

**HMIS classification**

Health	1
Flammability	1
Physical hazard	0
PPE	E

**Full text of H-Statements referred to under sections 2 and 3**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H290 - May be corrosive to metals

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

**Key or legend to abbreviations and acronyms used in the safety data sheet**

Predicted No Effect Concentration (PNEC)

Derived No Effect Level (DNEL)

STEL (Short Term Exposure Limit)

TWA (time-weighted average)

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

Very Persistent and very Bioaccumulative (vPvB) Chemicals

CAS (Chemical Abstracts Service)

LD50 (lethal dose)

LC50 (lethal concentration)

EC50 (effective concentration)

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**Disclaimer**

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