

**Productname :** CT-90  
**Ref.Nr.:** UDS000761\_3\_20170629 (EN)

**Creationdate :** 29.06.17 Version : 2.0  
**Replaces:** UDS000761\_20161124

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

### 1.1. Product identifier

**CT-90**  
Bulk

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

Lubricants

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

**CRC Industries UK Ltd.**  
Wylds Road  
Castlefield Industrial Estate  
TA6 4DD Bridgwater Somerset  
United Kingdom  
Tel.: +44 1278 727200  
Fax.: +44 1278 425644  
E-mail : hse.uk@crcind.com

### 1.4. Emergency telephone number

(+44)(0)1278 72 7200 (office hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

<b>Physical:</b>	Not classified
Classification is based on test data.	
<b>Health:</b>	Effects on or via Lactation May cause harm to breast-fed children.
Classification based on calculation method.	
<b>Environment:</b>	Hazardous to the aquatic environment, chronic category 1 Very toxic to aquatic life with long lasting effects.
Classification based on calculation method.	
<b>Other hazards :</b>	Repeated exposure may cause skin dryness or cracking.

### 2.2. Label elements



**Productname :** CT-90  
**Ref.Nr.:** UDS000761\_3\_20170629 (EN)

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### Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictogram(s):



<b>Signal word:</b>	Warning
<b>Hazard statement(s):</b>	H362 : May cause harm to breast-fed children. H410 : Very toxic to aquatic life with long lasting effects.
<b>Precautionary statement(s):</b>	P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children. P263 : Avoid contact during pregnancy/while nursing. P273 : Avoid release to the environment. P391 : Collect spillage. P501-2 : Dispose of contents/container to an authorised waste collection point.
<b>Supplemental Hazard information:</b>	Repeated exposure may cause skin dryness or cracking.

#### 2.3. Other hazards

No information available

## SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable.

#### 3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Alkanes, C14-17, chloro	01-2119519269-33	85535-85-9	287-477-0	25-50	Lact., Aquatic Acute 1, Aquatic Chronic 1	H362,H400,H410	
Highly refined base oil	-	-	-	25-50	-	-	

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with plenty of water for several minutes Seek medical attention if irritation persists
<b>Contact with skin :</b>	Wash with water and soap. Seek medical attention if irritation persists
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur



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**Ingestion :** If swallowed do not induce vomiting  
Seek medical advice

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

**Inhalation :** Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness  
**Ingestion :** May cause gastrointestinal disturbances  
Symptoms : sore throat, abdominal pain, nausea, vomiting  
**Skin contact :** Mildly irritating to skin  
Symptoms : redness and pain  
**Eye contact :** Mildly irritating to eyes  
Symptoms : redness and pain

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

**General Advice :** If you feel unwell, seek medical advice (show the label where possible)  
If symptoms persist always call a doctor

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

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

Forms hazardous decomposition products  
CO,CO2

#### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes

### SECTION 6: Accidental release measures

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

Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.

#### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities



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

Absorb spillage in suitable inert material

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use only in well ventilated areas  
 Avoid contact with skin and eyes.  
 Wash thoroughly after use  
 Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep in a cool, dry, well ventilated place  
 Keep out of reach of children.

### 7.3. Specific end use(s)

Lubricants

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>National established exposure limits, United Kingdom</b>			
Highly refined base oil	-	TWA	5 mg/m <sup>3</sup>
		STEL	10 mg/m <sup>3</sup>

### 8.2. Exposure controls

**Control procedures :** Ensure adequate ventilation  
**Personal protection :** Take precautions to avoid contact with skin and eyes when handling the product.  
 Ensure adequate ventilation  
**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.  
 recommended respiratory protection: Air purifying respirator equipped with organic gas/vapor cartridge (type A)  
**hands and skin :** When handling the product wear chemical-resistant gloves (standard EN 374).



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**Ref.Nr.:** UDS000761\_3\_20170629 (EN)  
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**Replaces:** UDS000761\_20161124

The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.

**Recommended gloves:** Nitrile  
**eyes :** Wear safety eyewear according to EN 166.

## SECTION 9: Physical and chemical properties

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

**Apperance : physical state :** Liquid.  
**colour :** Yellow.  
**odour :** Oil.  
**pH :** Not applicable.  
**Boiling point/range :** Not available.  
**Flash point :** 221 °C (Open Cup)  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** Not available.  
**lower limit :** Not available.  
**Vapour pressure :** Not available.  
**Relative density :** 1.05 g/cm<sup>3</sup> (@ 15°C).  
**Solubility in water :** Insoluble in water  
**Auto-ignition :** Not available.  
**Viscosity :** >144 cSt @ 40°C

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

### 10.4. Conditions to avoid

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent



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## 10.6. Hazardous decomposition products

CO,CO2

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

acute toxicity:	based on available data the classification criteria are not met
skin corrosion/irritation:	based on available data the classification criteria are not met
serious eye damage/irritation:	based on available data the classification criteria are not met
respiratory or skin sensitisation:	based on available data the classification criteria are not met
germ cell mutagenicity:	based on available data the classification criteria are not met
carcinogenicity:	based on available data the classification criteria are not met
toxicity for reproduction:	based on available data the classification criteria are not met
STOT-single exposure:	based on available data the classification criteria are not met
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

#### Information on likely routes of exposure:

Inhalation :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	May cause irritation.
Eye contact :	May cause irritation.

#### Toxicological data :

No information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, chronic category 1  
Very toxic to aquatic life with long lasting effects.

#### Ecotoxicological data:

No information available

### 12.2. Persistence and degradability



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**Ref.Nr.:** UDS000761\_3\_20170629 (EN)

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No information available

### 12.3. Bioaccumulative potential

No information available

### 12.4. Mobility in soil

Insoluble in water

### 12.5. Results of PBT and vPvB assessment

No information available

### 12.6. Other adverse effects

No information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Product :** This material and its container must be disposed of in a safe way.  
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**Contaminated packaging :** Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information

### 14.1. UN number

UN-number : 3082

### 14.2. UN proper shipping name

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17,chloro-)

### 14.3. Transport hazard class(es)

Class: 9  
ADR/RID - Classification code: M6

### 14.4. Packing group

Packing group: III



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<b>Ref.Nr.:</b> UDS000761_3_20170629 (EN)	<b>Replaces:</b> UDS000761_20161124

**14.5. Environmental hazards**

ADR/RID - Environmentally hazardous:	Yes
IMDG - Marine pollutant:	Marine pollutant
IATA/CAO - Environmentally hazardous:	Yes

**14.6. Special precautions for user**

ADR/RID - Tunnelcode:	(E)
IMDG - Ems:	F-A, S-F

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Not applicable.

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

The Safety Data Sheet is compiled according to the current European requirements.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)

**15.2. Chemical safety assessment**

No information available

**SECTION 16: Other information**

\*Explanation hazard statements: - : -

H362 : May cause harm to breast-fed children.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.

REVISIONS IN CHAPTRE :	8.2. Exposure controls
acronyms and synonyms:	TWA = time weight average STEL = short time exposure limit VOC = volatile organic compounds PBT = persistant bioaccumulative toxic vPvB = very persitant very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

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