

Productname : TW-90  
Ref.Nr.: UDS001036\_3\_20200114 (EN)

Creationdate : 14.01.20 Version : 1.0  
Replaces:

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

### 1.1. Product identifier

**TW-90**  
Bulk

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

Cleaning - Accessories

### 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

**Physical:** Not applicable.  
Complying with European regulations on cosmetics (76/768/EU)  
Classification is based on test data.

**Health:** Not applicable.  
Complying with European regulations on cosmetics (76/768/EU)  
Classification based on calculation method.

**Environment:** Not applicable.  
Complying with European regulations on cosmetics (76/768/EU)  
Classification based on calculation method.

**Other hazards :** Not classified

### 2.2. Label elements



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

None

**Precautionary statement(s):** P101 : If medical advice is needed, have product container or label at hand.  
P102 : Keep out of reach of children.  
P305/351/338 : IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P337/313 : If eye irritation persists: Get medical advice/attention.

### Regulation (EC) No 648/2004 on detergents:

Aqua, C9-11 Pareth 8, Dimethyl Gluturate, Isopropyl  
Alcohol, Dimethyl Succinate, PEG-75 Lanolin  
Dimethyl Adipate, Chlorhexidine Digluconate, DMDM Hydantoin  
Parfum, Iodopropynl Butylcarbamate, Limonene, Linalool.

Complying with European regulations on cosmetics (76/768/EU)

### 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
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	1-10	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225,H319,H336	B
alcohols, C9-11, ethoxylated	01-2119980051-45	68439-46-3	614-482-0	1-5	Acute Tox. 4, Eye Dam. 1	H302,H318	
Preservative blend	-	-		<1	Acute Tox. 4, Skin Sens. 1, Aquatic Acute 1	H332,H317,H400	
<b>Explanation notes</b>							
B : substance with national established workplace exposure limit							

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water for several minutes  
Seek medical attention if irritation persists



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**Contact with skin :** No adverse health effects expected  
**Inhalation :** Fresh air, keep warm and at rest.  
Seek medical attention if ill effects occur  
**Ingestion :** If swallowed do not induce vomiting  
Seek medical advice

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

**Inhalation :** No adverse health effects expected  
**Ingestion :** No adverse health effects expected  
**Skin contact :** No adverse health effects expected  
**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,CO<sub>2</sub>

#### 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 safety eyewear according to EN 166.

#### 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 eyes.

### 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)

Cleaning - Accessories

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
propan-2-ol; isopropyl alcohol;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
<b>National established exposure limits, United Kingdom</b>			
propan-2-ol; isopropyl alcohol;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
<b>National established exposure limits, Ireland</b>			
propan-2-ol; isopropyl alcohol;isopropanol	67-63-0	TWA	200 ppm
		STEL	400 ppm

### 8.2. Exposure controls

**Control procedures :** Ensure adequate ventilation  
**Personal protection :** Avoid contact with eyes.  
**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.



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**hands and skin :** No special measures necessary.  
**eyes :** Wear safety eyewear according to EN 166.

## SECTION 9: Physical and chemical properties

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

**Appearance : physical state :** Liquid.  
**colour :** Colorless.  
**odour :** Characteristic odor.  
**pH :** 4.5-5.5  
**Boiling point/range :** Not available.  
**Flash point :** > 100 °C  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** Not available.  
**lower limit :** Not available.  
**Vapour pressure :** Not available.  
**Relative density :** 1.01 (@ 20°C).  
**Solubility in water :** Miscible with water  
**Auto-ignition :** Not available.  
**Viscosity :** Not available.

### 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

### 10.6. Hazardous decomposition products



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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 :	No adverse health effects expected
Ingestion :	No adverse health effects expected
Skin contact :	No adverse health effects expected
Eye contact :	May cause irritation.

### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	5840 mg/kg
		LC50 inhal.rat	> 25000 mg/l
		LD50 derm.rabit	13900 mg/kg
alcohols, C9-11, ethoxylated	68439-46-3	LD50 oral rat	1000-1400 mg/kg
		LD50 derm.rabit	>2000 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Not applicable.  
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### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method
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propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	1000 mg/l
		LC50 fish	9640 mg/l
		EC50 daphnia	9714 mg/l
alcohols, C9-11, ethoxylated	68439-46-3	LC50 fish	10-100 mg/l
		EC50 daphnia	5-25 mg/l

## 12.2. Persistence and degradability

No information available

## 12.3. Bioaccumulative potential

No information available

## 12.4. Mobility in soil

Miscible with 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

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**National regulations :** Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information

### 14.1. UN number

UN-number : Not classified as hazardous for transport

### 14.2. UN proper shipping name

Proper shipping name: Not applicable.

### 14.3. Transport hazard class(es)

Class: Not applicable.



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ADR/RID - Classification code: Not applicable.

#### 14.4. Packing group

Packing group: Not applicable.

#### 14.5. Environmental hazards

ADR/RID - Environmentally  
hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally  
hazardous: No

#### 14.6. Special precautions for user

IMDG - Ems: Not applicable.

#### 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.  
Complying with European regulations on cosmetics (76/768/EU)  
Cosmetic dossier available

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

\*Explanation hazard statements: H225 : Highly flammable liquid and vapour.  
H302 : Harmful if swallowed.  
H317 : May cause an allergic skin reaction.  
H318 : Causes serious eye damage.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H336 : May cause drowsiness or dizziness.  
H400 : Very toxic to aquatic life.

acronyms and synonyms: TWA = time weight average  
STEL = short time exposure limit  
VOC = volatile organic compounds  
PBT = persistent bioaccumulative toxic  
vPvB = very persistent very bioaccumulative





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