



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

**COUPE TF9**

Reconditioned and sold by AXXAIR under the trade name CCLUH

**309101UO**

Version 1.2

Revision date 24/05/2019

Supersedes 10/07/2018

Revision date 24/05/2019

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : **COUPE TF9**

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

##### 1.2.1. Relevant identified uses

Main use category : Consumer use, Professional use  
Use of the substance/mixture : Metal working fluid

##### 1.2.2. Uses advised against

No additional information available

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

UNIL OPAL  
ZI Clos Bonnet, Boulevard Jean Moulin  
P.O. Box BP 88  
49403 SAUMUR Cedex  
T +33 (0)2.41.40.18.40 - F +33 (0)2.41.50.52.43  
[technique@unil-opal.fr](mailto:technique@unil-opal.fr)

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Reproductive toxicity, Additional category, Effects on or via lactation H362  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS09

Signal word (CLP) : Warning  
Hazardous ingredients : Alkanes, C14-17, chloro  
Hazard statements (CLP) : H362 - May cause harm to breast-fed children.  
H410 - Very toxic to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P201 - Obtain special instructions before use.  
P263 - Avoid contact during pregnancy/while nursing.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.



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P273 - Avoid release to the environment.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P391 - Collect spillage.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alkanes, C14-17, chloro	(CAS-No.) 85535-85-9 (EC-No.) 287-477-0 (EC Index-No.) 602-095-00-X (REACH-no) 01-2119519269-33	10 - 20	Lact., H362 Aquatic Chronic 1, H410 (M=100)
2,6-di-tert-butyl-p-cresol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 128-37-0 (EC-No.) 204-881-4 (REACH-no) 01-2119565113-46	< 0.1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: In the event of faintness in consequence of exposure, immediately transport the victim to the fresh air. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Wash contaminated clothing before reuse. Wash with plenty of water/.... Seek medical attention if ill effect or irritation develops.
First-aid measures after eye contact	: Contact ophthalmologist immediately. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye contact, immediately rinse with clean water for 10-15 minutes.
First-aid measures after ingestion	: Do not induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). Immediately call a POISON CENTER/doctor. Never give anything by mouth to an unconscious person.

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

Symptoms/effects after inhalation	: Symptoms may include dizziness, headache, nausea and loss of coordination.
Symptoms/effects after skin contact	: Prolonged or repeated contact with the skin may cause dermatitis. Skin rash/inflammation. Redness. Itching.
Symptoms/effects after eye contact	: May cause slight irritation. Redness. Pain.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Dry powder. Foam. Sand. AFFF foam. Water spray. Carbon dioxide.
Unsuitable extinguishing media	: Do not use water jet.

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

Reactivity in case of fire	: On burning: release of (highly) toxic gases/vapours. Carbon oxides (CO, CO2).
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### **5.3. Advice for firefighters**

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment. Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus.

## **SECTION 6: Accidental release measures**

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

#### **6.1.1. For non-emergency personnel**

- Protective equipment : Concerning personal protective equipment to use, see section 8. Wear suitable protective clothing and gloves.
- Emergency procedures : Evacuate unnecessary personnel. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Provide adequate ventilation.

#### **6.1.2. For emergency responders**

- Protective equipment : Wear suitable protective clothing and gloves. Avoid breathing Aerosols, Vapours. Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so.

### **6.2. Environmental precautions**

Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

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

- Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it. Collect all waste in suitable and labelled containers and dispose according to local legislation.

### **6.4. Reference to other sections**

Concerning personal protective equipment to use, see section 8. For disposal of residues refer to section 13 : Disposal considerations" .

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

- Additional hazards when processed : Provide proper grounding.
- Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Keep away from sources of ignition - No smoking. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke in areas where product is used.
- Hygiene measures : Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin, eyes and clothing.

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

- Technical measures : Comply with applicable regulations.
- Storage conditions : Keep out of frost. Store this product in a dry location where it can be protected from the elements. Keep away from sources of ignition - No smoking. Store in original container. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep container tightly closed. Keep container closed when not in use.
- Heat and ignition sources : No flames, no sparks. Eliminate all sources of ignition.
- Information on mixed storage : Oxidation agents.
- Storage area : Store away from heat. Floors should be impervious, resistant to liquids and easy to clean.
- Special rules on packaging : Keep only in original container.

### **7.3. Specific end use(s)**

No additional information available

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **2,6-di-tert-butyl-p-cresol (128-37-0)**

United Kingdom Local name  
United Kingdom WEL TWA (mg/m<sup>3</sup>)

2,6-Di-tert-butyl-p-cresol  
10 mg/m<sup>3</sup>



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United Kingdom

WEL STEL (mg/m<sup>3</sup>)

30 mg/m<sup>3</sup>

### **8.2. Exposure controls**

Personal protective equipment : Avoid all unnecessary exposure.

Materials for protective clothing:

Separate working clothes from town clothes. Launder separately

Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Time of penetration is to be checked with the glove producer

Eye protection:

Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Avoid the formation of mists in the atmosphere. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. respirator with combination filter for vapour/particles

Other information : Provide local exhaust or general room ventilation to minimize mist and/or vapour concentrations.

## **SECTION 9: Physical and chemical properties**

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

Physical state	: Liquid
Colour	: red.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 182 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 936 kg/m <sup>3</sup> (15°C)
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: 181.3 mm <sup>2</sup> /s (40°C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available



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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

All heat sources, including direct sunlight. Sparks. Open flame.

### 10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### **Alkanes, C14-17, chloro (85535-85-9)**

LD50 oral rat > 4000 mg/kg bodyweight  
LD50 dermal rabbit > 10 ml/kg  
LC50 inhalation rat (mg/l) > 48170 mg/m<sup>3</sup> (1h)

#### **2,6-di-tert-butyl-p-cresol (128-37-0)**

LD50 oral rat > 2930 mg/kg (OECD 401 method)  
LD50 dermal rat > 2000 mg/kg (OECD 402 method)  
Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : May cause harm to breast-fed children.  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

#### **COUPE TF9**

Viscosity, kinematic 181.3 mm<sup>2</sup>/s (40°C)

## SECTION 12: Ecological information

### 12.1. Toxicity

#### **Alkanes, C14-17, chloro (85535-85-9)**

LC50 fish 1 > 10000 mg/l (Alburnus alburnus, 96h) (OECD 203 method)  
EC50 Daphnia 1 0.0077 mg/l (Daphnia magna, 48h) (OECD 202 method)  
EC50 Daphnia 2 0.0059 mg/l (Daphnia magna, 48h) (OECD 202 method)  
EC50 72h algae (1) > 3.2 mg/l (Pseudokirchnerella subcapitata, 72h) (OECD 201 method)  
LOEC (chronic) 0.018 mg/l (Daphnia magna, 48h) (OECD 202 method)  
NOEC (chronic) > 0.125 mg/l (Alburnus alburnus, 14d) (OECD 204 method)  
NOEC chronic crustacea 0.01 mg/l (Daphnia magna, 48h) (OECD 202 method)

#### **2,6-di-tert-butyl-p-cresol (128-37-0)**

LC50 fish 1 > 0.57 mg/l (Danio rerio, 96h) [EU Method C.1]



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EC50 Daphnia 1  
EC50 72h algae (1)  
NOEC (chronic)

0.61 mg/l (Daphnia magna, 48h) (OECD 202 method)  
> 0.4 mg/l (Desmodesmus subspicatus, 72h) [EU Method C.3]  
0.023 mg/l (Daphnia, 21d) (OECD 202 method)

### 12.2. Persistence and degradability

#### 2,6-di-tert-butyl-p-cresol (128-37-0)

Biodegradation

4.5 % (28d) [MIT11]

### 12.3. Bioaccumulative potential

#### 2,6-di-tert-butyl-p-cresol (128-37-0)

BCF fish 1

230 - 2500 mg/l (Cyprinus carpio, 56d, 25°C, [0.05 mg/l])

Log Pow

5.1

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information

: Do not discharge the product into the environment. Do not flush into surface water or sewer system

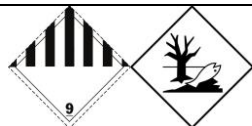


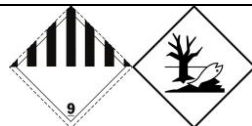
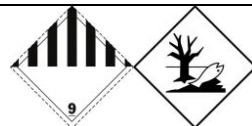
## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Do not discharge into drains or the environment. Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
3082	3082	3082	3082	3082
<b>14.2. UN proper shipping name</b>				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	Environmentally hazardous substance, liquid, n.o.s.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
<b>Transport document description</b>				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro), 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Alkanes, C14-17, chloro), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alkanes, C14-17, chloro), 9, III
<b>14.3. Transport hazard class(es)</b>				
9	9	9	9	9
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes



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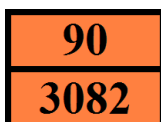
Revision date 24/05/2019

ADR	IMDG	IATA	ADN	RID
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5L
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR)	: -
EAC code	: •3Z

#### - Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

#### - Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197



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ERG code (IATA) : 9L

### - Inland waterway transport

Classification code (ADN) : M6  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP  
Number of blue cones/lights (ADN) : 0

### - Rail transport

Classification code (RID) : M6  
Special provisions (RID) : 274, 335, 375, 601  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 90

### 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Indication of changes:

14

Modified

Training advice : Not to be used for any purpose other than the one the product was designed for.

Full text of H- and EUH-statements:

Aquatic Acute 1

Hazardous to the aquatic environment — Acute Hazard, Category 1





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Aquatic Chronic 1

Hazardous to the aquatic environment — Chronic Hazard, Category 1

Lact.

Reproductive toxicity, Additional category, Effects on or via lactation

H362

May cause harm to breast-fed children.

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Lact.

H362

Calculation method

Aquatic Acute 1

H400

Calculation method

Aquatic Chronic 1

H410

Calculation method

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*