



## SAFETY DATA SHEET CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID  
Product No. XTU001, XTU455, XTU500, YFU025, YFU199

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

Identified uses Engine oil.

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

Supplier TETROSYL LIMITED  
BEVIS GREEN WORKS  
WALMERSLEY  
BURY  
BL9 6RE  
0161 764 5981  
0161 797 5899  
info@tetrosyl.com

#### 1.4. Emergency telephone number

0161 764 5981

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) R52/53.

#### 2.2. Label elements

Risk Phrases	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Phrases	S56	Dispose of this material and its container to hazardous or special waste collection point.
	P14	Contains 1,2-PROPANEDIOL, 3-AMINO-, N,N-DICOCO ALKYL DERIVS, 2-PROPANOL, 1-(TERT-DODECYLTHIO)-, ACETAMIDE, 2-HYDROXY-, N,N-DICOCO ALKYL DERIVS.. May produce an allergic reaction.
	S2	Keep out of the reach of children.
	S46	If swallowed, seek medical advice immediately and show this container or label.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

**CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID**

1,2-PROPANEDIOL, 3-AMINO-, N,N-DICOCO ALKYL DERIVS		<0.5
CAS-No.:	EC No.: 482-000-4	Registration Number: 01-0000020142-86
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xi;R38. R43,R52/53.	
2-PROPANOL, 1-(TERT-DODECYLTHIO)-		<1%
CAS-No.:	EC No.: 266-582-5	
Classification (EC 1272/2008) Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53. R43.	
3-(DECYLOXY)TETRAHYDROTHIOPHENE 1,1-DIOXIDE		1-5%
CAS-No.:	EC No.: 242-556-9	
Classification (EC 1272/2008) Aquatic Chronic 2 - H411	Classification (67/548/EEC) N;R51/53.	
ACETAMIDE, 2-HYDROXY-, N,N-DICOCO ALKYL DERIVS.		<1%
CAS-No.:	EC No.: 471-920-1	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Skin Sens. 1 - H317	Classification (67/548/EEC) Xi;R38. R43.	
DIPHENYLAMINE		<0.1%
CAS-No.: 122-39-4	EC No.: 204-539-4	
Classification (EC 1272/2008) Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) T;R23/24/25 R33 N;R50/53	

**CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID**

MINERAL OIL		1-5%
CAS-No.:	EC No.: 265-158-7	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Not classified.	Xn;R65.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

## General information

Get medical attention if any discomfort continues. Remove affected person from source of contamination.

General first aid, rest, warmth and fresh air.

## Inhalation

In case of inhalation of spray mist: Move person into fresh air and keep at rest.

## Ingestion

Contact physician if larger quantity has been consumed. Rinse mouth thoroughly.

## Skin contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Contact physician if irritation continues or sores develop.

## Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Do not rub eye.

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

## General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

NOTE! Effects may be delayed. Keep affected person under observation.

## Inhalation.

May cause an asthma-like shortness of breath. Vapours may cause headache, fatigue, dizziness and nausea.

## Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

## Skin contact

Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Allergic rash.

## Eye contact

May cause temporary eye irritation.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

## Extinguishing media

Use: Foam, carbon dioxide or dry powder. Use fire-extinguishing media appropriate for surrounding materials.

## Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

**CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID**

Hazardous combustion products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**5.3. Advice for firefighters**

Protective equipment for fire-fighters

Leave danger zone immediately.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and aerosol spray. Avoid contact with eyes and prolonged skin contact. Provide adequate ventilation. In case of spills, beware of slippery floors and surfaces.

**6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

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

Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Collect with absorbent, non-combustible material into suitable containers.

**6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in section 13.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Avoid forming spray/aerosol mists. Provide good ventilation. Avoid contact with skin and eyes. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

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

Keep upright. Store in tightly closed original container.

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

The identified uses for this product are detailed in Section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
DIPHENYLAMINE	WEL	10 mg/m <sup>3</sup>	20 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

**8.2. Exposure controls**

Protective equipment

**CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID****Engineering measures**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

**Respiratory equipment**

No specific recommendations.

**Hand protection**

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

**Eye protection**

Wear approved, tight fitting safety glasses where splashing is probable.

**Other Protection**

Wear suitable protective clothing as protection against splashing or contamination.

**Hygiene measures**

Wash contaminated clothing before reuse. Wash promptly with soap & water if skin becomes contaminated.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	Clear liquid.
Colour	Red.
Odour	Oil smell.
Solubility	Insoluble in water
Initial boiling point and boiling range	>250°C
Melting point (°C)	Not determined.
Relative density	Scientifically unjustified. 0.846
Vapour density (air=1)	Not determined.
Vapour pressure	Scientifically unjustified.
Not determined.	Scientifically unjustified.
Evaporation rate	Not determined.
pH-Value, Conc. Solution	Not determined.
Viscosity	Scientifically unjustified. 40 cSt 40°C
Decomposition temperature (°C)	Not determined.
Odour Threshold, Lower	Scientifically unjustified.
Not determined.	Scientifically unjustified.
Odour Threshold, Upper	Not determined.
Flash point	Scientifically unjustified. 191°C

**CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID**

Auto Ignition Temperature (°C)

Not determined.

Scientifically unjustified.

Flammability Limit - Lower(%)

Not determined.

Scientifically unjustified.

Flammability Limit - Upper(%)

Not determined.

Scientifically unjustified.

Partition Coefficient

(N-Octanol/Water)

Scientifically unjustified.

Oxidising properties

Not determined.

**9.2. Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

No particular stability concerns.

**10.3. Possibility of hazardous reactions**

Not applicable.

**10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition.

**10.5. Incompatible materials**

Materials To Avoid

Strong oxidising substances.

**10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50

&gt;2000 mg/kg (oral rat)

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

**12.1. Toxicity**

LC 50, 96 Hrs, Fish mg/l 10 - 100 mg/l

Acute Toxicity - Fish

Not available.

EC 50, 48 Hrs, Daphnia, mg/l 10 - 100 mg/l

Acute Toxicity - Aquatic Invertebrates

Not available.

**CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID****12.2. Persistence and degradability**

Degradability

There are no data on the degradability of this product.

**12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Scientifically unjustified.

**12.4. Mobility in soil**

Adsorption/Desorption Coefficient

Not available.

**12.5. Results of PBT and vPvB assessment**

Not Classified as PBT/vPvB by current EU criteria.

**12.6. Other adverse effects**

Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

**13.1. Waste treatment methods**

Confirm disposal procedures with environmental engineer and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Transport Labels

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

**14.6. Special precautions for user**

Not applicable.

**CARLUBE ATF-U AUTOMATIC TRANSMISSION FLUID****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

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

## EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

## Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 06/01/2011  
Revision 3  
Supersedes date 31/05/2011 v2  
Safety Data Sheet Status Approved.

## Risk Phrases In Full

R33 Danger of cumulative effects.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
R38 Irritating to skin.  
R43 May cause sensitisation by skin contact.  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## Hazard Statements In Full

H315 Causes skin irritation.  
H412 Harmful to aquatic life with long lasting effects.  
H317 May cause an allergic skin reaction.  
H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.  
H331 Toxic if inhaled.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H411 Toxic to aquatic life with long lasting effects.  
H410 Very toxic to aquatic life with long lasting effects.  
H400 Very toxic to aquatic life.