



2014-04-15

## 2-Takt Duo

# Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Identification of the substance or preparation

2-Takt Duo

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

2-stroke engine oil

### 1.3 Details of the Supplier of the Safety Data Sheet

Supplier Agro Oil  
Box 30192  
104 25 Stockholm, Sweden  
Phone +46 (0)10-556 00 00  
E-mail [info@agrol.se](mailto:info@agrol.se)

### 1.4 Emergency telephone number

112 (Within EU)

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification in accordance with Regulation No. 1272/2008 or in accordance with 1999/45/EC

This product does not meet the criteria for classification in any hazard class in accordance with Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures (also 1999/45/EC). A safety data sheet is however available, on request, for this product as it contains an ingredient for which there is an exposure limit for occupational exposure.

### 2.2 Label elements

Safety data sheet available on request.

### 2.3 Other Hazards

Repeated exposure may dry the skin. Avoid contact with used oil. Protect the environment – all oil must be disposed of as hazardous waste. Store product out of reach of children.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

#### Classification according to 67/548/EEC or 1999/45/EC

Substance	EC-no	CAS-no	Weight %	Symbols	Risk phrases
Distillates (petroleum), solvent dewaxed heavy paraffinic (IP346 DMSO extract <3%)	265-169-7	64742-65-0	30-60		-

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Distillate (petroleum), hydrotreated light	265-149-8	64742-47-8	15-25	Xn	R65, 66
Distillate (petroleum), hydrotreated heavy naphthenic, (IP346 DMSO extract<3%)	265-155-0	64742-52-5	10-30	-	-
Polyolefin phenol			2-8	-	R52

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

Substance	EC-no	CAS-no	Weight %	Classification
Distillates (petroleum), solvent dewaxed heavy paraffinic (IP346 DMSO extract <3%)	265-169-7	64742-65-0	30-60	-
Distillate (petroleum), hydrotreated light	265-149-8	64742-47-8	15-25	Asp. Tox. 1, H304
Distillate (petroleum), hydrotreated heavy naphthenic, (IP346 DMSO extract<3%)	265-155-0	64742-52-5	10-30	-
Polyolefin phenol			2-8	Aquatic Chronic 3, H412

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Move the injured person to fresh air.
Eye contact	Flush eyes gently with water.
Skin contact	Remove contaminated clothing. Wash skin with soap and water.
Ingestion	Rinse the mouth and drink plenty of water. <u>Do not induce vomiting.</u>

### 4.2 The most important symptoms and effects, both acute and delayed

Inhalation	When heated, the fumes and vapours may irritate the upper respiratory tract.
Ingestion	Swallowing is not likely to have any adverse effects.
Skin	Repeated contact may cause skin dryness or cracking.
Eye	Little or no eye irritation.

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

Not applicable

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media,

Suitable extinguishing media: Can be extinguished using dry powder, foam or carbon dioxide.  
 Unsuitable extinguishing media: Do not use direct water jet.



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

Not applicable

### 5.3 Advice for firefighters

Use water ONLY to cool containers.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Avoid contact with eyes and skin.

### 6.2 Environmental precautions

Do not allow discharge to enter sewers, watercourses or the ground.

### 6.3 Methods and materials for containment and cleaning up

Contain/absorb spillages with suitable absorbent material such as sand or active clay.

### 6.4 Reference to other sections

See Sections 8 and 13 for information on protective equipment and waste disposal.

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## 7. HANDLING AND STORAGE

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### 7.1 Precautions for safe handling

Avoid prolonged or repeated contact with skin. Do not reuse soiled clothing unless laundered. Avoid inhalation of vapours, mist or fumes.

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

Containers must be kept tightly closed and sealed.

### 7.3 Specific end uses

Not relevant

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1 Control parameters

See national legislation

### 8.2 Exposure controls

#### 8.2.2 Personal protection equipment

Respiratory protection	Avoid inhalation of vapours, fumes and mist by observing suitable handling regulations and adequate ventilation.
Skin protection	Wear clean work clothes and protective gloves made of PVC or Nitrile.
Eye protection	If risk of splashing wear safety glasses

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

Appearance	Oily liquid
Colour	Clear
Solubility in water	Insoluble
Flash point, °C	96 (ASTM D93)
Lowest pour point, °C	<-36
Density, 15 °C, kg/m <sup>3</sup>	862
Kinematic viscosity, 40 °C, mm <sup>2</sup> /s	63

### 9.2 Other information

None

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## 10. STABILITY AND REACTIVITY

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### 10.1 Reactivity

No information

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No information

### 10.4 Conditions to avoid

No information

### 10.5 Incompatible materials

May react with strong oxidizing agents

### 10.6 Hazardous decomposition products

Not applicable

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## 11. TOXICOLOGICAL INFORMATION

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### 11.1 Information on toxicological effects

#### 11.1.1 Acute toxicity

Toxicity by ingestion

LD50 rat:> 5000 mg / kg body weight \*

Toxicity by skin contact

Rabbit Dermal LD50:> 5000 mg / kg body weight. \*

\* Distillates (petroleum), solvent dewaxed heavy paraffinic

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## 12. ECOLOGICAL INFORMATION

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### 12.1 Toxicity



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LC50 Fish 96h:> 5000 mg / l Species: Oncorhynchus mykiss (Distillates (petroleum), solvent dewaxed heavy paraffinic)

Contains a small amount of additive components classified as hazardous to the aquatic environment.

### 12.2 Persistence and degradability

Not readily biodegradable.

### 12.3 Bioaccumulative potential

No information

### 12.4 Mobility in soil

Little mobility in soil. Some components may penetrate the soil and contaminate groundwater.

### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

### 12.6 Other adverse effects

Spreads on the water. Smaller quantities can be dispersed in water.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product residues, spillages, etc. are classified as hazardous waste. Waste from the product must not contaminate the ground or water, or be emitted into the environment.

EWC code: 13 02 05: Mineral-based non-chlorinated engine, gear and lubricating oils.

#### Emptying instructions

Place the package up and down at a slight angle (around 10 degrees) to drain it. You may have to make an additional hole in some packages. You have to drain it at room temperature (min 15°C). Wait until the package is drip-dry. Do not reseal the package after drainage.

#### Packages

EWC code: 15 01 02: Plastic packaging

EWC code: 15 01 04: Metallic packaging

Packages containing product residues and that are not drip-dry have to be handled as hazardous waste and be disposed of well-sealed.

EWC code: 15 01 10: packaging containing residues of or contaminated by dangerous substances.

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## 14. TRANSPORT INFORMATION

### 14.1 UN-number

Not classified as hazardous goods

### 14.2 UN proper shipping name

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### 14.3 Transport hazard class(es)

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### 14.4 Packing group

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### 14.5 Environmental hazards

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### 14.6 Special precautions for user

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### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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## 15. REGULATORY INFORMATION

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

Classification in accordance with Regulation No. 1272/2008

### 15.2 Chemical Safety Assessment

Chemical Safety Assessment has not been conducted

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## 16. OTHER INFORMATION

### Relevant R-phrases and/H-statements

R65 Harmful, may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
R52 Harmful to aquatic organisms

H304 May be fatal if swallowed and enters airways.  
H412 Harmful to aquatic life with long lasting effects.

### Classification in accordance with 1999/45/EC

Not Classified

### Label elements in accordance with 1999/45/EC

P13 Safety data sheet available for professional user on request.