



AMALIE Oil Company

Better than it has to be®

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Safety data sheet according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

Revision: 07.17.2015

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

- **1.1 Product identifier**
- **Trade name: AMALIE UNIV SYN DUAL CLUTCH TRANS FLD**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No relevant information available.
- **Application of the substance / the mixture** Lubricating oil
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Supplier:**
AMALIE OIL COMPANY
Made in U.S.A.
- **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2: Hazard(s) identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.
The following classifications are applicable only to OSHA (USA) regulations and not the specific CLP regulation: H317.



Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **Additional information:**
There are no other hazards not otherwise classified that have been identified.
0 % of the mixture consists of component(s) of unknown toxicity.

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2.2 Label elements

GHS label elements:

The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS).

The product is classified and labeled according to the CLP regulation.

Hazard pictograms:

The following pictograms are only for use within the United States (OSHA): GHS07.



GHS07

Signal word: Warning

Hazard-determining components of labeling:

Ethanol, 2,2'-iminobis-, N-[3-branched tridecyloxy)propyl] derivs., N-oxides

Hazard statements:

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.

The following Hazard Statements are applicable only according to OSHA regulations within the United States. These Statements are not applicable for the CLP regulation (1272/2008/EC) in the EU: H317.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

The following Precautionary Statements are applicable only to the OSHA GHS regulations and not the specific CLP regulation: P261g, P280b, P272, P302+P352, P363, P333+P313.

The following Precautionary Statements are applicable only to the EU CLP regulations and not the OSHA GHS regulations: P273.

P261 Avoid breathing mist, vapors, or spray.

P280 Wear protective gloves and eye protection.

P273 Avoid release to the environment.

P272 Contaminated work clothing must not be allowed out of the workplace.

P302+P352 IF ON SKIN: Wash with plenty of water.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Contains Ethanol, 2,2'-iminobis-, N-[3-branched tridecyloxy)propyl] derivs., N-oxides. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment:

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

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



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3: Composition/information on ingredients

3.2 Mixtures

• **Description:** Mixture of the substances listed below with nonhazardous additions.

• Dangerous components:

CAS: 64742-54-7 EINECS: 265-157-1 Index number: 649-467-00-8	Distillates (petroleum), hydrotreated heavy paraffinic	50-100%
CAS: 122-39-4 EINECS: 204-539-4 Index number: 612-026-00-5	diphenylamine  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331  STOT RE 2, H373  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	< 1%
CAS: 68478-66-0 EINECS: 270-831-3	Ethanol, 2,2'-iminobis-, N-[3-branched tridecyloxy)propyl] derivs., N-oxides  Skin Corr. 1B, H314  Aquatic Acute 1, H400; Aquatic Chronic 1, H410  Skin Sens. 1, H317	< 1%

• Additional information:

For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This product meets these requirements.

4: First-aid measures

4.1 Description of first aid measures

• **General information:** No special measures required.

• **After inhalation:** Supply fresh air; consult doctor in case of complaints.

• After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

• After eye contact:

Remove contact lenses if worn, if possible.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

• After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

4.2 Most important symptoms and effects, both acute and delayed:

Headache

Coughing

Allergic reactions

Slight irritant effect on skin and mucous membranes.

Slight irritant effect on eyes.

Nausea in case of ingestion.

Gastric or intestinal disorders when ingested.

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Vomiting.

Diarrhea.

- **Danger:**

May cause sensitisation by skin contact.

May be harmful if inhaled.

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

Contains Ethanol, 2,2'-iminobis-, N-[3-branched tridecyloxy)propyl] derivs., N-oxides. May produce an allergic reaction.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

5: Fire-fighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

Water fog / haze

Foam

Carbon dioxide

Gaseous extinguishing agents

Fire-extinguishing powder

- **For safety reasons unsuitable extinguishing agents:**

Water stream.

Water spray

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

Formation of toxic gases is possible during heating or in case of fire.

- **5.3 Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

- **Additional information:**

Eliminate all ignition sources if safe to do so.

Cool endangered receptacles with water fog.

6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation.

Use personal protective equipment as required.

Particular danger of slipping on leaked/spilled product.

- **6.2 Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

Prevent from spreading (e.g. by damming-in or oil barriers).

Do not allow to penetrate the ground/soil.

- **6.3 Methods and material for containment and cleaning up:**

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Remove from the water surface (e.g. skim or suck off).

Dispose of the collected material according to regulations.

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Send for recovery or disposal in suitable receptacles.

• **6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7: Handling and storage

• **7.1 Precautions for safe handling:**

Use only in well ventilated areas.

Avoid splashes or spray in enclosed areas.

• **Information about protection against explosions and fires:** Keep respiratory protective device available.

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

• **Storage**

• **Requirements to be met by storerooms and receptacles:** Store in a cool location.

• **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidizing agents.

• **Further information about storage conditions:** Keep containers tightly sealed.

• **7.3 Specific end use(s):** No relevant information available.

8: Exposure controls/personal protection

• **Additional information about design of technical systems:** No further data; see item 7.

• **8.1 Control parameters**

• **Components with limit values that require monitoring at the workplace:**

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

PEL (USA)	Long-term value: 5 (mist) mg/m ³
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122-39-4 diphenylamine

REL (USA)	Long-term value: 10 mg/m ³
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TLV (USA)	Long-term value: 10 mg/m ³
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EL (Canada)	Long-term value: 10 mg/m ³
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EV (Canada)	Long-term value: 10 mg/m ³
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• **8.2 Exposure controls**

• **Personal protective equipment:**

• **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

• **Breathing equipment:**

Not required under normal conditions of use.

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Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
For large spills, respiratory protection may be advisable.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment** Avoid release to the environment.

· **Risk management measures** See Section 7 for additional information.

9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General information**

· **Appearance:**

Form:

Oily

Color:

Amber colored

· Odor:

Petroleum-like

· Odor threshold:

Not determined.

· pH-value:

Not determined.

· **Change in condition:**

Melting point/Melting range:

Not determined.

Boiling point/Boiling range:

Not determined.

· Flash point:

185 °C (365 °F) (approximate)

· Flammability (solid, gaseous):

Not applicable.

· Auto-ignition temperature:

Not determined.

· Decomposition temperature:

Not determined.

· Auto igniting:

Product is not self-igniting.

· Danger of explosion:

Product does not present an explosion hazard.

· **Explosion limits:**

Lower:

Not determined.

Upper:

Not determined.

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· Oxidizing properties	Not determined.
· Vapor pressure:	Not determined.
· Density:	0.85 g/cm ³ (7.093 lbs/gal)
· Relative density:	Not determined.
· Vapor density:	Not determined.
· Evaporation rate:	Not determined.
· Solubility in / Miscibility with: Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity: Dynamic:	Not determined.
Kinematic:	34.35 / 7.367 cSt (40 °C / 100 °C)
· 9.2 Other information	No relevant information available.

10: Stability and reactivity

- **10.1 Reactivity:** No relevant information available.
- **10.2 Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions:**
Reacts with strong oxidizing agents.
Reacts with strong alkali.
- **10.4 Conditions to avoid:** Store away from oxidizing agents.
- **10.5 Incompatible materials:** Oxidizing agents
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Possible in traces:
Nitrogen oxides (NO_x)
Ammonia

11: Toxicological information

- **11.1 Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

122-39-4 diphenylamine

Oral LD50 1120 mg/kg (rat)

- **Primary irritant effect:**

- **On the skin:** Slight irritant effect on skin and mucous membranes.
- **On the eye:** Slight irritant effect on eyes.

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- **Sensitization:**
May cause an allergic skin reaction.
- **Additional toxicological information:**
- **Carcinogenic categories**

• IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

• NTP (National Toxicology Program):

None of the ingredients are listed.

• OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

- **Repeated dose toxicity:** No relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** 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.

12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Harmful to aquatic life with long lasting effects.
- **12.2 Persistence and degradability:** No relevant information available.
- **12.3 Bioaccumulative potential:** No relevant information available.
- **12.4 Mobility in soil:** No relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
Harmful to fish
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
- **Additional ecological information**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects:** No relevant information available.

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13: Disposal considerations

13.1 Waste treatment methods

Recommendation:

Product is recyclable as a waste oil. Deliver unused and/or contaminated product to waste oil collectors.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

14: Transport information

14.1 UN-Number

DOT, ADR, IMDG, IATA Not regulated.

14.2 UN proper shipping name

DOT, ADR, IMDG, IATA Not regulated.

14.3 Transport hazard class(es)

DOT, ADR, IMDG, IATA

Class Not regulated.

14.4 Packing group

DOT, ADR, IMDG, IATA Not regulated.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

UN "Model Regulation"

Not regulated.

15: Regulatory information

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

United States (USA)

SARA

Section 302 (extremely hazardous substances):

None of the ingredients are listed.

Section 304 (emergency release notification):

None of the ingredients are listed.

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· Sections 311/312 (hazardous chemical threshold planning quantity in pounds):	
None of the ingredients are listed.	
· Section 355 (extremely hazardous substances):	
None of the ingredients are listed.	
· Section 313 (Specific toxic chemical listings):	
None of the ingredients are listed.	
· TSCA (Toxic Substances Control Act)	
All ingredients are listed.	
· Proposition 65 (California)	
· Chemicals known to cause cancer:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients are listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients are listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients are listed.	
· Carcinogenic categories	
· EPA (Environmental Protection Agency):	
None of the ingredients are listed.	
· IARC (International Agency for Research on Cancer):	
None of the ingredients are listed.	
· TLV (Threshold Limit Value established by ACGIH):	
122-39-4	diphenylamine A4
· MAK (German Maximum Workplace Concentration)	
None of the ingredients are listed.	
· NIOSH-Ca (National Institute for Occupational Safety and Health):	
None of the ingredients are listed.	
· Canada	
· Canadian substance listings	
· Canadian Domestic Substances List (DSL):	
All ingredients are listed.	
· Canadian Ingredient Disclosure list (limit 0.1%):	
122-39-4	diphenylamine
· Canadian Ingredient Disclosure list (limit 1%):	
None of the ingredients are listed.	

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· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H331 Toxic if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

Acute Tox. 3: Acute toxicity, Hazard Category 3
Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

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This document was authored and reviewed by the technical and scientific staff at ChemTel Inc. Descriptions, classifications and calculations are based upon data provided by manufacturer and augmented by published data in conjunction with expert analysis by degreed scientists.

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