



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 1 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

1. Identification of the substance or mixture and of the company

1.1. Product Identification

Product Form: Mixture
Trade Name: LAB 68
Chemical Characterization: Solvent with Additives

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

Category and main use: Solvent with Additives, for industrial use only

1.3. Details of the supplier providing the safety data sheet

Manufacturer: CombiFuel Swiss GmbH
Leuholz 14
CH-8855 Wangen SZ
Switzerland
Tel: +41 (0)58 596 80 20
Fax: +41 (0)55 444 35 48
Email: kundenservice@combifuel.com
Website: www.combifuel.ch

1.4. Emergency Number

Emergency Number: +41 (0)76 340 04 48
This number is only available during office hours.

2. Possible hazards

2.1. Classification of the substance or mixture

Classification according to regulation (EG) Nr. 1272/2008 [CLP]CLP
Asp. Tox. 1 H304

Full text of H-statements: see section 16

2.2. Label elements

Labelling according to regulation (EG) Nr. 1272/2008 [CLP]
Hazard Pictogram (CLP)



Signal word (CLP)

Health Hazard



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 2 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

Hazard warnings (CLP)

H304

May be fatal if swallowed or inhaled.

Safety warnings (CLP)

P301+P310

IF SWALLOWED: immediately call a POISON CENTER or doctor / physician.

P331

DO NOT induce vomiting.

P501

Dispose of contents / packaging at a collection point for Hazardous or Specialized Waste, in accordance with local, regional, national and / or international regulations.

- 2.3 *Additional hazards*
Not applicable.

3. Composition / Ingredients

- 3.1. *Substance*
Not applicable

- 3.2. *Mixture:*

Name	Product Identification	%	Classification according to regulation (EG) Nr. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated light. Kerosine - unspecified	CAS: 64742-47-8 EC: 265-149-8	50-75	Asp. Tox. 1, H304

Full text of H and EUH statements: see section 16

Komponent	%	Symbol	R-satz
Kaliumcarboxylat	50-60	Xi	R36/38, R52
Kerosen	30-40	Xn	R10, R38, R65
Pertoleumnaphta	10-20	N, Xn	R10, R51/53, R65, R66
Alkyl acid	0,5-1,5	Xi	R38, R41, R52
Petroleumnaphta	0,5-15	N, Xn	R10, R36/38, R51/53, 65
1,2,4- Trimethylbenzen	0,1-0,9	N, xn	R10, 20, R36/37/38, R51, 53
Keramik	0,1-0,5		R51/53

Full text of the R- and S-statements: see section 16



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 3 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
Substitutes: Nr. -
Substitution Date: -

LAB 68

4. First-aid measures

4.1. Description of the first-aid measures

General:	In all cases of doubt or in case of persistent symptoms, consult a doctor. After proper initial care, no further treatment is required unless symptoms recur.
After inhalation:	Remove affected person to fresh air, to a quiet place and, if necessary, call a doctor. If unconscious, use a stable lateral position and seek medical advice.
After skin contact:	Immediately wash thoroughly with soap and plenty of water and remove all soiled clothing. Wash clothes before reuse. Do not remove clothing that sticks to the skin.
After eye contact:	Rinse immediately with plenty of water, including under the eyelids.
After swallowing:	Rinse mouth with water. Never give anything orally to unconscious people. DO NOT induce vomiting. Get medical advice (if possible show this label).

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

After inhalation:	Under normal conditions of use, no significant inhalation hazard is expected.
After skin contact:	May produce spots on the skin. May cause mild skin irritation.
After eye contact:	May cause eye irritation.
After swallowing:	May cause slight 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 agents:	Use extinguishing media suitable for ambient fires.
Unsuitable exting. agents:	Pressurized water

5.2. Special hazards arising from the substance or mixture

Fire hazard:	No data are available for this specific product, but due to similarities, the product should be considered as: No fire hazard.
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CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 4 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

Explosion hazard:	The product is not explosive.
Dangerous decay products in case of fire:	Generation of harmful / irritating gases / vapors.
5.3. <i>Advice for firefighting</i>	
Extinguishing advice:	Use caution when fighting chemical fires. Cool tanks and drums with water spray until stable.
Protection during firefighting:	Do not enter fire compartment without adequate protection equipment, including respiratory protection.
Other information:	Prevent extinguishing water from entering the local environment.

6. Accidental Release Measures

- 6.1. *Personal precautions, protective equipment and emergency procedures*
- General measures: Avoid contact with skin, eyes and clothes. Avoid inhalation of dust, mist or aerosol. Do not eat, drink or smoke when using this product.
- 6.1.1. *For untrained emergency personnel*
- Protective equipment: Wear recommended personal protective equipment. See chapter 8.
- Urgency measures: Ensure good ventilation. In case of insufficient ventilation, wear respiratory protective device. Deny access to unprotected persons.
- 6.1.2. *Emergency forces*
- Protective equipment: Wear recommended personal protective equipment. See chapter 8.
- Urgency measures: Ensure good ventilation. In case of insufficient ventilation, wear respiratory protective device. Deny access to unprotected persons.
- 6.2. *Environmental precautions*
- Prevent from entering into sewers and public waters.
- 6.3. *Methods and material for containment and cleaning*
- Cleaning Procedure: Absorb spilled product as soon as possible using absorbent material. Rinse leftovers with plenty of water.
- 6.4. *Reference to other sections*
- See section: 8.13.



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 5 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

7. Handling and Storage

7.1. *Conditions for safe handling*

Conditions for safe handling: Keep away from sources of ignition. Do not smoke.
Avoid unnecessary exposure

Hygiene measures: Handling in compliance with good work hygiene, health and safety practice. Do not eat, drink, or smoke when using product.

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

Storage conditions: Protect from heat. Protect from freezing. Keep away from children.

Incompatible Storage: Keep away from food, drink and animal feed.

Warehouse: Store in a dry, cool, and well ventilated place. Keep container tightly closed.

Packaging materials: Store in the original packaging.

7.3. *Specific end use (s)*

Not applicable.

8. Exposure controls / personal protection

8.1. *Parameters to be monitored*

Not applicable.

8.2. *Limitation and monitoring of exposure*

Suitable technical Control devices: Ventilate the environment. Eye showers and rescue showers should be available in the close proximity to possible exposure.

Personal protective equipment: Gloves. Protective suit. Safety glasses. When high vapor / gas concentrations are present: gas mask.

Hand protection: Chemical-resistant gloves (according to NF EN 374 or equivalent standard), e.g. PVC gloves - protective gloves made of nitrile rubber. Since the product is composed of several substances, the durability of the glove materials can not be calculated in advance, so it must be tested before use.



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 6 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

Eye protection:	Always wear safety glasses or a face shield.
Skin- and body protection:	Wear suitable protective clothing when working.
Respiratory protection:	In normal use, no respiratory protection is required. When high vapor / gas concentrations are present: gas mask.
Limitation and Monitoring of Environmental exposure:	Prevent emission into the environment.
Other information:	Keep away from foodstuffs, beverages and feed.

9. Physical and chemical properties

9.1. Information on the basic physical and chemical properties

Aggregate state	liquid
Appearance	liquid
Colour	Green
Odor	Petroleum odor
Smell	No data available
pH-Value	No data available
Evaporation rate	No data available
Smelting point	No data available
Freezing point	No data available
Boiling point	No data available
Flashpoint	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gaseous)	No data available
Steam pressure	No data available
Relative vapor density at 20°C	No data available
Relative Density	No data available
Density	0,77 – 0,87 g/cm ³ (20 °C)
Solubility	Water: insoluble
Log Pow	No data available
Viscosity, kinematics (40°C)	=<20,5mm ² /s (estimated value)
Viscosity, dynamic	No data available
Explosive properties	The product is not explosive
Oxidizing properties	No data available



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 7 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

Explosion limits	No data available
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9.2. *Additional information*
No data available.

10. Stabilität und Reaktivität

- 10.1. *Reactivity*
Not applicable.
- 10.2. *Chemical Stability*
Stable under recommended conditions of storage and use according to section 7.
- 10.3. *Possibility of dangerous reactions*
No dangerous reactions known.
- 10.4. *Conditions to avoid*
Keep away from open flames, hot surfaces and sources of ignition.
- 10.5. *Incompatible materials*
Strong acids. Oxidants.
- 10.6. *Hazardous decomposition products*
Exposure to high temperatures may release hazardous decomposition products, such as carbon monoxide and carbon dioxide, smoke, oxides of nitrogen (NOx).

11. Toxicological information

- 11.1. *Information on toxicological effects*
Acute toxicity: Not classified.
The product has not been tested. Estimate according to the ingredients.

VSK-516	
LD50 oral to rats	>2000 mg/kg

- Skin corrosion / irritation: May cause slight irritation.
- Serious eye damage/
-irritation: May cause eye damage.
- Respiratory or
-irritation: No sensitizing effects known.



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 8 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

skin sensitization:

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproduction toxicity: Not classified.

Specific target-organ-
toxicity from single
exposure: Not classified

Specific target-organ-
toxicity from repeated
exposure: Not classified

Aspiration hazard: Not classified

Additional information: There is no experimental study available on the product. The information provided is based on current knowledge of the components and the classification of the product is based on the calculation method.

12. Environmental Information

12.1. Toxicity

Ecology - General: Do not allow to enter drains or water courses.

12.2. Persistence and Degradability

Not applicable.

12.3. Bioaccumulation Potential

Not applicable.

12.4. Mobility in the soil

Not applicable.

12.5. Results of the PBT- and vPvB-assessment

Not applicable.

12.6. Other adverse effects

Not applicable.

13. Disposal considerations



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 9 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

- 13.1. *Waste treatment method*
Local regulations (waste): Disposal must be carried out in accordance with official regulations.
- Recommendations for residual water disposal: Do not empty into drains.
- Recommendations for waste disposal: If recycling is not possible, dispose of in accordance with local regulations.

14. Information regarding transport conditions

14.1 - 14.6

	ADR/RID	IMDG	IATA
14.1 UN-Number	N/A	N/A	N/A
14.2 UN proper shipping name	N/A	N/A	N/A
14.3 Transport hazard class	N/A	N/A	N/A
14.4 Packaging group	N/A	N/A	N/A
14.5 Environmental hazard	N/A	N/A	N/A
Dangerous for the environment?	N/A	N/A	N/A
Marine pollutant?	N/A	N/A	N/A
Additional information	N/A	N/A	N/A
14.6 Special precautions for the user	N/A	N/A	N/A

- 14.7 *Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code*
Not applicable

15. Compliance with laws

- 15.1. *Safety, health and environmental regulations / legislation specific for the substance or mixture*
EU Regulations
Contains no substance subject to the restrictions of Annex XVII
Does not contain any REACH candidate substance
Contains no substance listed in REACH Annex XIV
National Regulations Germany
Water hazard class (WGK remark): 1 – slightly hazardous to water (estimated value)
- 15.2. *Chemical safety assessment*
A chemical safety assessment was not carried out.



CombiFuel Swiss AG

Safety Data Sheet

According to the Regulation (EG)
Nr. 1907/2006 [Reach] en (EG) Nr. 453/2010

Page 10 of 10
Version: Nr. 1
Date: 14th of Feb. 2019
substitutes: Nr. -
Substitution Date: -

LAB 68

16. R and S statements

R-file R10, flammable
R20, harmful by inhalation
R36/37/38, irritating to eyes, respiratory system and skin
R36/38, irritating to eyes and skin
R38, irritates the skin
R41, danger of serious eye damage
R 51, RSZ/53, harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65, harmful, may cause lung damage if swallowed
R66, repeated contact may cause skin dryness or cracking

S-file not specified

17. Additional remarks

Change notices:

Identification of the substance or mixture and of the company. Possible hazards.
Composition/information on ingredients. First aid measures. Fire-fighting measures. Measures in case of accidental release. Handling and storage. Exposure controls/personal protective equipment. Physical and chemical properties. Stability and reactivity. Toxicological information. Environmental claims. Information on disposal. Transport information. Legislation. Other information.

Data Sources: Echa.europa.eu
Manufacturer/Supplier
Richtsnoer voor etikettering en verpakking in overeenstemming met
Verordening (EG) Nr. 1272/2008 (The Netherlands)
Enactment (EG) Nr. 1272/2008 (Germany)

Wording:

Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed or enters airways

This information is based on our current knowledge and is intended to describe the product only in terms of health, safety and environmental conditions. It should not be construed as a guarantee of any specific property of the product.