

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.07.2009

Revision: 01.07.2009

1 Identification of substance:

- **Product details:**
- **Trade name:** Surf-ACE DRIVE
- **Article number:** 963
- **Application of the substance / the preparation** Tyre dressing
- **Manufacturer/Supplier:**
 Concept Chemicals & Coatings Ltd.
 Felt Court, Windmill Lane Ind.Estate
 Denton, Manchester M34 3RB England
- **Further information obtainable from:**
 Tel 00 44 (0)161 335 0213
 Fax 00 44 (0)161 335 0214
- **Information in case of emergency:**
 During working hours GMT 09.00 - 17.00
 Tel 00 44 (0)161 335 0213
 Fax 00 44 (0)161 335 0214

2 Hazards identification

- **Hazard symbol**



Xn Harmful

- **Information concerning to particular hazards to man and environment**
 The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 R 10 Flammable.
 R 65 Harmful: may cause lung damage if swallowed.
- **Classification system**
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy. Benzene concentration is <0.1% ☒ Xn; R 10-65-66	50-100%
CAS: 111-76-2 EINECS: 203-905-0	2-butoxyethanol ☒ Xn, ☒ Xi; R 20/21/22-36/38	2.5 -5%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Generally the product does not irritate the skin.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.

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5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with full jet.
- **Protective equipment:** No special measures required.

6 Accidental release measures (Spillage)

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers /surface or ground water drains.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Risk of serious damage to eyes.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

8 Exposure controls and personal protection gear

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

- **Ingredients with limit values that require monitoring at the workplace:**

64742-48-9 Naphtha (petroleum), hydrotreated heavy. Benzene concentration is <0.1%	
OEL	Long-term value: 1000 mg/m ³
111-76-2 2-butoxyethanol	
OES	Short-term value: 50 ppm
	Long-term value: 25 ppm
	Sk, , IOELV

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Do not inhale dust / smoke / mist.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:** Rubber gloves
- **Material of gloves** Nitrile rubber, NBR

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- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

9 Physical and chemical properties:

· General Information

Form:	Fluid
Colour:	Transparent
Odour:	Sweetish

· Change in condition

Melting point/Melting range: undetermined
Boiling point/Boiling range: 162°C

· **Flash point:** 40°C

· **Ignition temperature:** 230.0°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits:

Lower:	0.9 Vol %
Upper:	8.0 Vol %

· **Vapour pressure at 20°C:** 1.0 hPa

· **Density at 20°C:** 0.813 g/cm³

· Solubility in / Miscibility with

Water: Partly miscible

· Solvent content:

Organic solvents: 80.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

· Acute toxicity:

· LD/LC50 values relevant for classification:

64742-48-9 Naphtha (petroleum), hydrotreated heavy. Benzene concentration is <0.1%

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rab)

· Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

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- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information:

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1993
- **Packaging group:** III
- **Hazard label** 3
- **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S., mixture, special provision 640E

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1993
- **Label** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Proper shipping name:** FLAMMABLE LIQUID, N.O.S., mixture

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· Air transport ICAO-TI and IATA-DGR:

- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1993
- **Label** 3
- **Packaging group:** III
- **Proper shipping name:** FLAMMABLE LIQUID, N.O.S., mixture

15 Regulations

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

· Code letter and hazard designation of product:

Xn Harmful

· Hazard - determining components of labelling

Naphtha (petroleum), hydrotreated heavy. Benzene concentration is <0.1%

· Risk phrases:

10 Flammable.

65 Harmful: may cause lung damage if swallowed.

· Safety phrases:

23 Do not breathe vapour/spray.

51 Use only in well-ventilated areas.

60 This material and its container must be disposed of as hazardous waste.

· Special labelling of certain preparations:

Safety data sheet available for professional user on request.

· National regulations

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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 R-phrases

10 Flammable.

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

36/38 Irritating to eyes and skin.

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

· Department issuing MSDS: Technical Department.

- **Contact:** Mr. S. Appleby