

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)

CRODA

BRIJ™ S721-PA-(WL)

Version 1.0
Revision Date 05.02.2009

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

Product name	BRIJ™ S721-PA-(WL)
Product code	ETW0580
INCI	Steareth-21
Use of the Substance/Preparation	Surfactant
Company	Croda Europe Ltd Cowick Hall, Snaith, Goole East Riding of Yorkshire DN14 9AA GB
Telephone	+441405860551
Telefax	+441405860205
E-mail address	SDSCompiler@croda.com
Emergency telephone number	EUROPE: 00 32 3575 5555 USA: Medical Emergency (24hr.): (888) 456-6218 Transportation Emergency Involving Chemical Spills, Leaks, Fires, or Accidents (24 hr.): (800) 424-9300 ASIA PACIFIC: 24 hr Toll Free Number: +800 ALERTSGS (+800-2537-8747) // 24 hr Singapore Exchange Number: +65 6542-9595

2. HAZARDS IDENTIFICATION

Specific hazards	Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	PEG-21 stearyl ether
CAS-No.	9005-00-9
EINECS-No.	Polymer

4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water and seek medical advice.
Skin contact	Wash off with soap and plenty of water. If skin irritation persists, call a physician.

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Ingestion Do NOT induce vomiting. Drink plenty of water. Seek medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media which must not be used for safety reasons Do NOT use water jet.

Special protective equipment for fire-fighters Wear self contained breathing apparatus for fire fighting if necessary.

Special exposure hazards in a fire See chapter 10

Further information Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Use personal protective equipment.

Environmental precautions Try to prevent the material from entering drains or water courses.

Methods for cleaning up Shovel into suitable container for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation. For personal protection see section 8.

Storage Keep tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Hygiene measures General industrial hygiene practice.

Eye protection Safety glasses

Hand protection Rubber gloves

Respiratory protection No personal respiratory protective equipment normally required.

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Skin and body protection Lightweight protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form solid
Colour
Colour off-white
Odour characteristic
Pour point 45 °C
Flash point > 100 °C
Density no data available
Water solubility dispersible
Solubility in other solvents Isopropanol - insoluble
pH 5 - 8 at 10% in water
Partition coefficient (n-octanol/water) no data available

10. STABILITY AND REACTIVITY

Conditions to avoid None known.
Materials to avoid Strong oxidizing agents
Hazardous reactions No hazards to be specially mentioned.
Hazardous decomposition products In case of fire hazardous decomposition products may be produced such as:
Carbon oxides

11. TOXICOLOGICAL INFORMATION

[Remarks]

Acute oral toxicity LD50 (rat) > 5 g/kg
Skin irritation (rabbit)
No skin irritation
Eye irritation (rabbit)
slight irritation
Sensitization Did not cause sensitization on laboratory animals.

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12. ECOLOGICAL INFORMATION

[Remarks]

Chemical Oxygen Demand (COD)	2.13 gO ₂ /g
BOD/COD	30 % (BOD ₂₈)
Dissolved organic carbon (DOC)	72% Dissolved organic carbon (DOC)
Toxicity to fish	LC ₅₀ (Oncorhynchus mykiss (rainbow trout)) 8.4 mg/l (96 h)
Water contaminating class (Germany)	Kenn-Nr: 670 Stoffbezeichnung: Alkoholethoxylate; Status der Einstufung: VwVwS; Wassergefährdungsklasse (WGK): 2 WGK 2 - water endangering

13. DISPOSAL CONSIDERATIONS

Product / Contaminated packaging In accordance with local and national regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Classification & Labelling according to EC Directives Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

16. OTHER INFORMATION

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