Safety Data Sheet

according to 1907 / 2006 (EG) issued: 2010-02-02

TOTALON Ultra

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

TOTALON Ultra

Company/undertaking identification

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2. Composition/information on ingredients

Chemical characterization (substance)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
	112-34-5	Diethylene glycol monobutyl	15 - 20 %	Xi R36
205-535-5	142-31-4	Sodium Octyl Sulfate	5 - 10 %	Xi R38-41
	110615-47-9	Alkylpolyglycoside C10-16	1 - 5 %	Xi R38-41
263-058-8	61789-40-0	Cocoamidopropyl Betaine	1 - 5 %	Xi R36

Full text of each relevant R phrase can be found in heading 16.

3. Hazards identification

Classification

Symbols : Irritant
R-phrases :
Risk of serious damage to eyes.

Explication of special hazards for human health and environment

Within expanded foam respiration is not possible, danger of suffocation!

4. First aid measures

General information

Take off contaminated clothing and shoes immediately.Wash contaminated clothing before re-use.

After inhalation

In case of shortness of breath, give oxygen.Keep under medical supervision for at least 48 hours.Show this safety data sheet to the doctor in attendance.No artificial respiration, mouth-to-mouth or mouth to nose. Use suitable instruments/apparatus.

After contact with skin

Wash off with warm water and soap.

After contact with eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Remove from exposure, lie down.In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).No artificial respiration, mouth-to-mouth or mouth to nose. Use suitable instruments/apparatus.

Advice to doctor

Wash off with warm water and soap.

5. Fire-fighting measures

Suitable extinguishing media

The product itself does not burn.Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

Possibility of generating hazardous reactions during a fire due to the presence of F and CN groups.

6. Accidental release measures

Personal precautions

Use personal protective equipment.In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Environmental precautions

Dam up.Should not be released into the environment.Do not flush into surface water or sanitary sewer system.

Methods for cleaning up/taking up

Wipe up with absorbent material (e.g. cloth, fleece).Use mechanical handling equipment.Keep in suitable, closed containers for disposal.

7. Handling and storage

Handling

Advice on safe handling

Use working solution immediately - Do not store.Never mix concentrates directly.Never return unused material to storage receptacle.

Advice on protection against fire and explosion

No special handling advice required.

Storage

Requirements for storage rooms and vessels

Store in original container.Store in a cool and shaded area.Keep in a well-ventilated place.

Advice on storage compatibility

Maximum storage temperature: 50
Minimum storage temperature: -13

Further information on storage conditions

Keep container tightly closed.

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS No.	Substance	ml/m³	mg/m³	F/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Exposure controls

Protective and hygiene measures

Avoid contact with skin, eyes and clothing.Wear suitable gloves and eye/face protection.When using do not eat or drink.

Respiratory protection

not required under normal useMay be harmful by inhalation (after often repeated exposure).

Hand protection

impervious gloves

Eye protection

safety glasses with side-shields

Skin protection

Avoid contact with skin.

9. Physical and chemical properties

General information

Physical state :	liquid
Colour :	amber

Important health, safety and environmental information

pH-Value (at 20 °C) :	7.0 - 9.0
Changes in the physical state	
Melting point :	-12 °C
Boiling point :	95 °C
Density (at 20 °C) :	1ca.05 g/cm³
Water solubility :	completely miscible

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage conditions.

Hazardous decomposition products

No decomposition if stored and applied as directed.

11. Toxicological information

Corrosive and irritant effects

irritant effects

Sensitising effects

irritant effects

Severe effects after repeated or prolonged exposure

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

12. Ecological information

Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Persistence and degradability

Waste water from subsequent processing should be given appropriate treatment in line with local regulations.The surfactant components are more than 90% biodegradable.The product contains organic halogens.

Bioaccumulative potential

Does not bioaccumulate.Ecological injuries are not known or expected under normal use.

Further information

Discharge into the environment must be avoided.

13. Disposal considerations

Advice on disposal

If recycling is not practicable, dispose of in compliance with local regulations.Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.The following Waste Codes are only suggestions: 07 06 99

14. Transport information

Land transport (ADR/RID)

Remarks (land transport)

Not dangerous goods - full transport

Inland waterways transport

Remarks (inland waterways transport)

Not dangerous goods - full transport

Marine transport

Remarks (marine transport)

Not dangerous goods - full transport

Air transport

Remarks (air transport)

Not dangerous goods - full transport

15. Regulatory information

Labelling

Danger symbols : Xi - Irritant

Xi - Irritant

Labelling according to EC-guidelines : Classification according to European directive on classification of hazardous preparations 1999/45/EC.

R phrases

41 Risk of serious damage to eyes.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39 Wear eye/face protection.

Additional information on EC regulations

Classification according to European directive on classification of hazardous preparations 1999/45/EC.Safety data sheet available for professional user on request.

National regulations

Water contaminating class : 2 - water contaminating

16. Other information

List of relevant R phrases

36	Irritating to eyes.
38	Irritating to skin.
41	Risk of serious damage to eyes.

Other data

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.