

**HUNTSMAN**

Enriching lives through innovation

Product-Ident-No. 1515745

**Huntsman Textile Effects****CHEMICAL SAFETY DATA SHEET**

Edition from 08.05.2006

Replaces Edition from 29.10.2002

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**TRADE NAME****TURPEX ACN NEW****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Identification of the substance or preparation**

**Chemical description** Emulsion containing polyalkylene  
Nonionic

**Use of the substance/preparation**

Textile chemical

**Company/undertaking identification**

**Product responsibility** Huntsman Textile Effects (Germany) GmbH

**Responsible department** Product EHS

**Supplier** Huntsman (Singapore) Pte Ltd.  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Information on ingredients	Content	CAS-No.	Symbol	R-Phrases
- ethoxilated stearyl amine	1.0-2.5 %	26635-92-7	Xi,N	38-41-50/53

**3. HAZARDS IDENTIFICATION**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**4. FIRST-AID MEASURES**

**Inhalation** Move to fresh air. Seek medical attention if you feel unwell or if exposure prolonged.

**Skin contact** Remove contaminated clothing. Wash affected skin with soap and plenty of water.

**Eye contact** Rinse immediately with plenty of water for at least 10 minutes. Seek medical attention.

**Ingestion** Instantly call for doctor.

**Advice for the doctor** Symptomatic treatment

## 5. FIRE-FIGHTING MEASURES

<b>Fire extinguishing agents</b>	Choose extinguishing agents taking into account the surroundings
<b>Restrictions</b>	No restrictions.
<b>Fire/explosion hazard</b>	None
<b>Main combustion gas</b>	Not known
<b>Personal protection</b>	Self contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal protection</b>	Tightly fitting safety goggles Chemical resistant protective gloves (EN 374). Observe glove manufacturers instructions. Keep unprotected persons away
<b>Environmental precautions</b>	Prevent material from reaching sewage systems, holes and cellars. Do not allow to enter the ground/soil.
<b>Spillage procedure</b>	Contain with suitable absorbent material. Scoop into marked containers for disposal as chemical waste.

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## 7. HANDLING AND STORAGE

### Handling

<b>Occupational hygiene</b>	Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements.
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### Storage

<b>Fire precautions</b>	No special measures required
<b>Storage facilities</b>	Store in a cool, dry area with adequate ventilation
<b>Segregation</b>	Keep away from 'materials to avoid' according to item 10 in the SDS
<b>Storage conditions</b>	Sensitive to cold under 0 °C. Sensitive to heat over 60 °C. Keep containers closed. Ensure good ventilation/exhaustion at the workplace

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure limit values

<b>Components with occupational exposure limits</b>	See national regulations
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### Exposure Controls

<b>Occupational exposure controls</b>	
<b>General Personal Protection</b>	Tightly fitting safety goggles Chemical resistant protective gloves (EN 374). Observe glove manufacturers instructions. Keep unprotected persons away

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

#### Appearance

<b>Form</b>	Liquid
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Colour	White to light yellow		
Odour	Weak characteristic		
Important health safety and environmental information			
pH	3.5 - 5.5		as is
Boiling point	ca. 100 °C		
Flash point	Not applicable		
Oxidising properties	None		
Vapour pressure	23 hPa		at 20 °C
Density	0.98 - 1.01 g/cm3		20 °C
Solubility in water	Miscible		
Viscosity	No data		
Other information			
Melting point	No data		
Thermal decomposition	Not relevant		
Auto-ignition	No data		
Ignition temperature	Not applicable		
Explosion limits (Vol%)	Lower	No data Vol. %	
	Upper	No data Vol. %	

## 10. STABILITY AND REACTIVITY

Conditions to avoid	No dangerous reactions known.		
Materials to avoid	Strong acids, alkali, oxidizing agents, anionic substances		
Hazardous decomposition products	None known if product is used according to recommendations		

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>		
- LD50 oral	> 2000 mg/kg	Rat
<b>Primary irritation</b>		
(Skin)	Non-irritant	
(Eye)	Non-irritant	
<b>Adverse effects in man</b>		
<b>Additional information</b>	The toxicological data is based on a product with comparable composition.	

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Bacterial toxicity</b>				
	IC50	> 100 mg/l		
Fish toxicity	LC0	> 100 mg/l	48 hour Rainbow trout	OECD 203
	LC50	> 150 mg/l		

### Summary

### Persistence and degradability

Bioelimination	80-100%, DOC analysis		OECD302B (mod)
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### Behaviour in treatment plants

### Additional Ecology Data

<b>BOD5</b>	10 mgO <sub>2</sub> /g
<b>COD</b>	920 mgO <sub>2</sub> /g
<b>TOC</b>	25 %
<b>Nitrogen content</b>	0.04 %
<b>Phosphorus content</b>	-- %
<b>Organohalogen content</b>	-- %
<b>Metal content</b>	Metal content under the ETAD recommended limits
<b>Tested material</b>	A product with similar composition
<b>Additional information</b>	

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### 13. DISPOSAL CONSIDERATIONS

<b>Product disposal</b>	Incineration. Observe local regulations.
<b>Contaminated packaging</b>	Contaminated, empty containers must be disposed of as chemical waste.

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### 14. TRANSPORT INFORMATION

KEEP AWAY FROM FOODSTUFFS

**Not classified as dangerous goods**

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### 15. REGULATORY INFORMATION

#### CLASSIFICATION AND LABELLING

<b>R-Phrases</b>	R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
<b>S-Phrases</b>	S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets
<b>Contains</b>	
<b>EU Guideline</b>	1999/45/EG
<b>VOC</b>	Not relevant

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### 16. OTHER INFORMATION

#### List of relevant R-phrases (Section 2)

R38 : Irritating to skin  
R41 : Risk of serious damage to eyes  
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Recommended restrictions on use

Huntsman textile, paper and leather dyes and chemicals are technical grade and unless otherwise stated or agreed are recommended only for industrial use in applications involving the pretreatment dyeing or finishing of textiles, paper or leather. Other intended uses including their use in consumer products governed by specific legislation or standards should be referred to the manufacturer. The data contained in the SDS apply only to Huntsman products sold under the stated trade names. Technical information in support will be provided by Huntsman at the request of competent authorities.