

# SAFETY DATA SHEET

## 1. Identification of the Substance / Preparation and of the Company Undertaking

Product Name: SpECcure WE  
 Company: Speciality Engineering Chemicals  
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## 2. Composition / Information on Ingredients

General Composition: Microcrystalline paraffin water emulsion with emulgents. It consists mainly of straight chain and branch saturated hydrocarbons, having carbon numbers greater than C20.

Dangerous Components	Range%	Classification
Non-ionic Tense Active	<2.3	R 22-36/38 S 26-28-36/37

## 3. Hazards Identification

### Toxicology (Symptoms)

Inhalation: Hot emulsion emits hot water vapours; therefore it is not toxic.

Ingestion / Aspiration: This route of exposure is easy to avoid and not frequent. Intestinal absorption is very low.  
The product does not present toxicity by ingestion: LD50 > 15 g/kg (rat).

Skin/Eyes: Repeated or prolonged contact may cause irritation. Contact with hot product may cause burn.

General Toxic Effects: Repeated or prolonged contacts with eyes or skin may cause irritation.

Physical / Chemical: May form foams with stirring.  
Spilled on water, it spreads and becomes homogenous.  
Do not dump directly to drains

## 4. First Aid Measures

Inhalation: NP

Ingestion: Not frequent, but small amount which accidentally enter mouth should be rinsed until taste of it is gone.

Skin / Eyes: Wash with plenty of water and obtain medical advice if the product causes irritation or burns.

General Measures: Call for medical attention.

## 5. Fire Fighting Measures

Suitable Extinguishing Media: Water spray.

Unsuitable Extinguishing Media: NP

Combustion Products: Total Combustion - CO2 and water

	Incomplete Combustion – CO, soot, aldehydes, ketones and hydrocarbons.
Special Measures:	It is recommendable to use water spray to suffocate fires; using straight streams may scatter the material. Cool containers with water.
Special Hazards:	Unburned vapours from incomplete combustion may result suffocating if breathed.
Protective Equipment:	Heat-resistant suit and gloves. Self-contained breathing apparatus.

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## 6. Accidental Release Measures

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Personal Precautions:	Avoid prolonged contact with product.
Personal Protection:	Gloves are recommended when handling the product and goggles to avoid splashes into eyes.
Environmental Precautions:	The material is liquid and becomes dispersed on water. It may present hazard of physical fouling.
Methods for Cleaning UP Small Spillages:	Recover with adsorbent or other porous materials.
Large Spillages:	Avoid product dispersion with mechanical barriers or other containment measures. Canalize with channels and recover into containers for later disposal.

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## 7. Handling and Storage

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### Handling

General Precautions:	Avoid prolonged contact with product. Gloves are recommended when handling the product and safety goggles to avoid splashes into eyes.
Specific Conditions:	NP
<u>Storage</u>	
Temperature and Decomposition Products:	NP
Dangerous Reaction:	NP
Storage Conditions:	Stored in form of liquid emulsion in containers properly labeled and sealed.
Incompatible Materials:	NP

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## 8. Exposure Controls / Personal Protection

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Respiratory Protection:	NP
Skin Protection:	Gloves are recommended when handling the product.
Eyes Protection:	Safety goggles are recommended when handling the liquid product to avoid splashes.
Other Protective Equipment:	Eye-washers and showers in working area.
General Precautions:	Avoid prolonged contact with the product.
Specific Hygiene Measures:	Good work practices and the adoption of good personal hygiene measures reduce unnecessary exposures. Wash roughly with water and soap after handling the product. Do not eat, drink or smoke in working area.
Exposure Controls:	NP

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## 9. Physical and Chemical Properties

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Appearance:	Liquid emulsion
Colour:	White (PT-10-100)
Explosive Properties:	NP
Water Solubility:	Disperses in water
pH:	7.5 max
Odour:	Characteristics
Oxidizing Properties:	NP
Density:	0.930 gr/ml (ASTM D1298)
<u>Other Data</u>	
Solids:	50% min.
Brookfield Viscosity: (sp 2 to 12 rpm)	700 cp max
Particle Size:	1 Tm typical (TP-10-103)
Pulverization Stability:	Stable
Hard Water Stability:	Stable
Stickiness:	Good

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## 10. Stability and Reactivity

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Stability:	Stable at room temperature.
Materials to Avoid:	NP
Conditions to Avoid:	NP

### Hazardous Decomposition / Combustion Products

Decomposition Product:	At high temperatures the product decomposes emitting toxic and irritating fumes.
Total Combustion Product:	CO and H2O
Incomplete Combustion Prod.:	CO, soot, aldehydes, ketones, hydrocarbons.

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## 11. Toxicological Information

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Routes of Exposure:	Contact with skin and eyes and ingestion are the probable exposure routes.
Acute and Chronic Effects:	No malignant acute or chronic effects are known. Long term or repeated exposures may irritate skin and eyes.
Carcinogenicity:	No evidences
Reproductive Toxicity:	No evidences
Medical Conditions which Increase Hazard to Exposure:	NP

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## 12. Ecological Information

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### Pollutant Potential

Persistence and Degradability: The material is an emulsion containing paraffin hydrocarbon and water. It does not rapidly eliminate from the aquatic environment, although long

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straight hydrocarbon chains are dispersed in water, allowing direct access to microorganisms which degrade them faster.

Mobility / Bio-accumulative Potential:

No bio-accumulative problems in living organisms or incidence in the tropic food chain.

Eco-toxicological Effects:

It may present physical foaming potential due to dispersion in water and production of foams.

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### 13. Disposal Consideration

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Disposal Methods (Surplus): Recycling and recovery of the material when possible.

Waste: Liquids and solids from industrial processes.

Disposal: Specific prepared and controlled areas and incineration.

Handling: Labeled and sealed containers. Avoid direct contact with waste.

EC Provisions: Companies which recover, dispose, store, transport or handle waste should comply with Dir. 91/156/EEC on waste, or other local, national or community provisions.

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### 14. Transport Information

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Special Precautions: Use properly labeled and sealed containers.

UN No.: NP

Hazard Identification: NP

ADR / RID: Not classified

IATA - DGR: Not classified

IMDG: Not classified

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### 15. Regulatory Information

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Classification  
Xi; R36/38

Labeling  
Symbols: Xi  
**R Phrases:**  
R36/38: Irritating to eyes and skin

**S Phrases:**  
S34/35: Avoid contact with skin and eyes.

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### 16. Other Information

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No data available.