

**SCR System Clean & Protect**

Revision date: 03.05.2023

Product code: 2533

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

SCR System Clean & Protect

UFI: TNYN-6TQG-3M3P-7JTR

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of the substance/mixture**

Cleaning agent

Additives (Solvent of Urea 32,5 % (CAS 57-13-6))

**1.3. Details of the supplier of the safety data sheet**

Company name: CTP GmbH

Street: Saalfelder Strasse 35h

Place: D-07338 Leutenberg

Telephone: +49 (0)36734 230-0

Telefax: +49 (0)36734 230-22

e-mail: msds@bluechemgroup.com

Contact person: Jens Moeller, Dipl.-Chem.

Telephone: +49 (0)36734 230-19

Internet: www.bluechemgroup.com

**1.4. Emergency telephone number:**

GBK GmbH: +49-(0)6132-84463 (24/7)

**Further Information**

Article Number: 6405, 6410

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GB CLP Regulation**

Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**GB CLP Regulation**

Signal word: Warning

Pictograms:



**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of this material and its container to hazardous or special waste collection point.

**Labelling of packages where the contents do not exceed 125 ml**

Signal word: Warning

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**Pictograms:**



**2.3. Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Chemical characterization**

AdBlue

Additives

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
57-13-6	Urea			25 - < 30 %
	200-315-5		01-2119463277-33	
69011-36-5	isotridecanole, ethoxylised			5 - < 10 %
	931-138-8			
	Acute Tox. 4, Eye Dam. 1; H302 H318			

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
69011-36-5	931-138-8	isotridecanole, ethoxylised	5 - < 10 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg Eye Dam. 1; H318: >= 10,1 - 100 Eye Irrit. 2; H319: >= 1 - < 10,1	

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Change contaminated clothing.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

In case of skin irritation, seek medical treatment.

**After contact with eyes**

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

Consult physician.

**4.2. Most important symptoms and effects, both acute and delayed**

May cause sensitization by skin contact.

Irritation of eyes: Irritant effect possible.

**4.3. Indication of any immediate medical attention and special treatment needed**

No information available.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Extinguishing powder. alcohol resistant foam. Sand.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

No information available.

**5.3. Advice for firefighters**

No information available.

**Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**General advice**

Avoid contact with skin and eyes.

**6.2. Environmental precautions**

No information available.

**6.3. Methods and material for containment and cleaning up**

**Other information**

To clean the floor and all objects contaminated by this material, use plenty of water.

**6.4. Reference to other sections**

No data

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep container tightly closed and in a well-ventilated place.

Storage temperature: of °C: 0 up to °C: 30

**Further information on storage conditions**

Protect from direct sunlight.

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**8.2. Exposure controls**

Individual protection measures, such as personal protective equipment

**Eye/face protection**

Wear tightly sealed safety glasses against possible splashes into the eyes.

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**Hand protection**

Tested protective gloves are to be worn: Butyl rubber.

**Skin protection**

Wear suitable solvent-proof protective clothing according to EN 465.

**Respiratory protection**

Provide adequate ventilation.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	characteristic (Ammonia (NH <sub>3</sub> ))
Boiling point or initial boiling point and boiling range:	100 °C
Decomposition temperature:	100 °C
pH-Value (at 20 °C):	9,0
Water solubility: (at 20 °C)	easily soluble.
Density (at 20 °C):	1,09 g/cm <sup>3</sup>

**9.2. Other information**

**Other safety characteristics**

No data

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No decomposition when used as intended.

**10.3. Possibility of hazardous reactions**

No dangerous reactions are known.

**10.4. Conditions to avoid**

No decomposition when used as intended.  
UV-solarization/sunlight.

**10.5. Incompatible materials**

Should be stored separately from oxidizing agents.

**10.6. Hazardous decomposition products**

Nitrogen oxides (NO<sub>x</sub>).  
Carbon monoxide (CO).  
Carbon dioxide (CO<sub>2</sub>)

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in GB CLP Regulation**

**Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) 10000,0 mg/kg

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
69011-36-5	isotridecanole, ethoxylised				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		

**Irritation and corrosivity**

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

**Other information**

No information available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
69011-36-5	isotridecanole, ethoxylised					
	Acute fish toxicity	LC50 1-10 mg/l	96 h	Cyprinus carpio (Carp)		
	Acute algae toxicity	ErC50 1-10 mg/l	72 h	Fish		
	Acute crustacea toxicity	EC50 1-10 mg/l	48 h	Daphnia magna		

**12.2. Persistence and degradability**

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
69011-36-5	isotridecanole, ethoxylised			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	> 60 %	28	
	OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A	> 70 %	28	

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

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**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations**

Do not dispose with household waste.

Do not allow to enter into surface water or drains.

Arrange about the exact waste code with the local waste disposal expert.

**List of Wastes Code - residues/unused products**

070701 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; aqueous washing liquids and mother liquors; hazardous waste

**List of Wastes Code - used product**

070701 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; aqueous washing liquids and mother liquors; hazardous waste

**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number or ID number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

**Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Inland waterways transport (ADN)**

**Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)**

**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)**

**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No information available.

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**14.7. Maritime transport in bulk according to IMO instruments**

No information available.

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

Information according to 2012/18/EU

Not subject to 2012/18/EU (SEVESO III)

(SEVESO III):

**Additional information**

Contains:

5 - 15 % nonionic tensides

**National regulatory information**

Water hazard class (D):

2 - obviously hazardous to water

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

Urea

**SECTION 16: Other information**

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

**Relevant H and EUH statements (number and full text)**

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*