



## Safety Data Sheet according to Regulation (EC) No 1907/2006

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BONDERITE C-MC 12 MAINTENANCE CLEANER known as  
P3-grato 12 KN31+

SDS No. : 185277  
V003.0

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Replaces version from: 15.04.2015

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

#### 1.1. Product identifier

BONDERITE C-MC 12 MAINTENANCE CLEANER known as P3-grato 12 KN31+

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

Intended use:

Cleaner

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

Henkel AG & Co. KGaA

Henkelstr. 67

40589 Düsseldorf

Germany

Phone: +49 (211) 797 0

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ua-productsafety.de@henkel.com

#### 1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

### SECTION 2: Hazards identification

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

##### Classification (CLP):

|| The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

|| The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

##### Supplemental information

EUH210 Safety data sheet available on request.

#### 2.3. Other hazards

None if used properly.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Declaration of the ingredients according to CLP (EC) No 1272/2008:**

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Fatty alcohol ethoxylate C8 27252-75-1	500-058-1	5- < 8 %	Eye Irrit. 2 H319
Sodium p-cumenesulphonate 15763-76-5	239-854-6 01-2119489411-37	1- < 2 %	Eye Irrit. 2 H319

For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.

**Declaration of ingredients according to Detergent Regulation 648/2004/EC**

5 - 15 %	non-ionic surfactants
< 5 %	phosphates
contains	Perfumes

**SECTION 4: First aid measures****4.1. Description of first aid measures****Inhalation:**

Move to fresh air, consult doctor if complaint persists.

**Skin contact:**

Immediately wash skin thoroughly with soap and water.  
In case of adverse health effects seek medical advice.

**Eye contact:**

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

**Ingestion:**

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

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

No data available.

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

See section: Description of first aid measures

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media:**

Carbon dioxide, foam, powder  
Water spray jet

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

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

Formation of toxic gases is possible during heating or in fires.

**5.3. Advice for firefighters**

Wear protective equipment.

**Additional information:**

In case of fire, keep containers cool with water spray.

## SECTION 6: Accidental release measures

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

Avoid contact with skin and eyes.

Danger of slipping on spilled product.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

Avoid skin and eye contact.

Ensure that workrooms are adequately ventilated.

See advice in section 8

Hygiene measures:

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

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

Store frost-free.

Keep container tightly sealed.

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

Cleaner

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Occupational Exposure Limits**

Valid for  
Germany

None

**Predicted No-Effect Concentration (PNEC):**

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Sodium p-cumenesulphonate 15763-76-5	aqua (freshwater)		0,23 mg/l				
Sodium p-cumenesulphonate 15763-76-5	aqua (intermittent releases)		2,3 mg/l				
Sodium p-cumenesulphonate 15763-76-5	sewage treatment plant (STP)		100 mg/l				
Sodium p-cumenesulphonate 15763-76-5	aqua (marine water)		0,023 mg/l				
Sodium p-cumenesulphonate 15763-76-5	sediment (freshwater)				0,862 mg/kg		
Sodium p-cumenesulphonate 15763-76-5	sediment (marine water)				0,0862 mg/kg		
Sodium p-cumenesulphonate 15763-76-5	soil				0,037 mg/kg		

**Derived No-Effect Level (DNEL):**

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Sodium p-cumenesulphonate 15763-76-5	Workers	dermal	Long term exposure - systemic effects		136,25 mg/kg	
Sodium p-cumenesulphonate 15763-76-5	Workers	inhalation	Long term exposure - systemic effects		26,9 mg/m <sup>3</sup>	
Sodium p-cumenesulphonate 15763-76-5	Workers	dermal	Long term exposure - local effects		0,096 mg/cm <sup>2</sup>	
Sodium p-cumenesulphonate 15763-76-5	General population	dermal	Long term exposure - systemic effects		68,1 mg/kg	
Sodium p-cumenesulphonate 15763-76-5	General population	inhalation	Long term exposure - systemic effects		6,6 mg/m <sup>3</sup>	
Sodium p-cumenesulphonate 15763-76-5	General population	oral	Long term exposure - systemic effects		3,8 mg/kg	
Sodium p-cumenesulphonate 15763-76-5	General population	dermal	Long term exposure - local effects		0,048 mg/cm <sup>2</sup>	

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Engineering controls:

Ensure good ventilation/suction at the workplace.

Respiratory protection:

In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter (EN 14387).

This recommendation should be matched to local conditions.

**Hand protection:**

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR;  $\geq 1$  mm thickness) or natural rubber (NR;  $\geq 1$  mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR;  $\geq 1$  mm thickness) or natural rubber (NR;  $\geq 1$  mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

**Eye protection:**

Protective goggles

Protective eye equipment should conform to EN166.

**Skin protection:**

Suitable protective clothing

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

**Advices to personal protection equipment:**

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	liquid clear yellow
Odor	no valuation
Odour threshold	No data available / Not applicable
pH (20 °C (68 °F); Conc.: 100 % product)	9,8 - 10,4
pH (20 °C (68 °F); Conc.: 1 % product; Solvent: Demineralised water)	9,1 - 9,9
pH (20 °C (68 °F); Conc.: 1 % product; Solvent: Tap water)	8,3 - 9,1
Melting point	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	No flash point up to 100°C. Aqueous preparation.
Evaporation rate	No data available / Not applicable
Flammability	No data available / Not applicable
Explosive limits	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Relative vapour density:	No data available / Not applicable
Density (20 °C (68 °F))	1,066 - 1,106 g/cm <sup>3</sup>
Bulk density	No data available / Not applicable
Solubility	No data available / Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	fully miscible
Partition coefficient: n-octanol/water	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Oxidising properties	No data available / Not applicable

**9.2. Other information**

No data available / Not applicable

**SECTION 10: Stability and reactivity****10.1. Reactivity**Reaction with strong acids.  
Reaction with strong oxidants.**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

No decomposition if used according to specifications.

**10.5. Incompatible materials**

See section reactivity.

**10.6. Hazardous decomposition products**None if used for intended purpose.  
In case of fire toxic gases can be released.**SECTION 11: Toxicological information****11.1. Information on toxicological effects****General toxicological information:**

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation (EC) No 1272/2008. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.  
To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

**Skin irritation:**

Prolonged or repeated contact may cause skin irritation.

**Eye irritation:**

Prolonged or repeated contact may cause eye irritation.

**Acute oral toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Fatty alcohol ethoxylate C8 27252-75-1	LD50	> 2.000 mg/kg	oral			not specified
Sodium p- cumenesulphonate 15763-76-5	LD50	> 7.000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)

**Acute inhalative toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Sodium p- cumenesulphonate 15763-76-5	LC50	> 6,41 mg/l	aerosol	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

**Acute dermal toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Sodium p-cumenesulphonate 15763-76-5	LD50	> 2.000 mg/kg	dermal		rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Sodium p-cumenesulphonate 15763-76-5	not irritating	24 h	rabbit	Draize Test

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Sodium p-cumenesulphonate 15763-76-5	moderately irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Sodium p-cumenesulphonate 15763-76-5	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sodium p-cumenesulphonate 15763-76-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		EPA OTS 798.5265 (The Salmonella typhimurium Bacterial Reverse Mutation Test)
	negative	in vitro mammalian chromosome aberration test	with and without		EPA OPPTS 870.5375 (In Vitro Mammalian Chromosome Aberration)
	negative	mammalian cell gene mutation assay	with and without		EPA OPPTS 870.5300 (Detection of Gene Mutations in Somatic Cells in Culture)
	negative	sister chromatid exchange assay in mammalian cells	with and without		EPA OPPTS 870.5900 (In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
Sodium p-cumenesulphonate 15763-76-5	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

**Reproductive toxicity:**

Hazardous substances CAS-No.	Result / Classification	Species	Exposure time	Species	Method
Sodium p-cumenesulphonate 15763-76-5	NOAEL P = 300 mg/kg NOAEL F1 = 1.000 mg/kg	screening oral: gavage	46 d	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

**Repeated dose toxicity**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Sodium p-cumenesulphonate 15763-76-5	NOAEL=> 763 mg/kg	oral: feed	90 d daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

## SECTION 12: Ecological information

### General ecological information:

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation (EC) No 1272/2008. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Do not empty into drains / surface water / ground water.

### Other adverse effects:

If acidic or alkaline products are discharged into wastewater installations care must be taken that the discharged wastewater has a pH in the range pH 6 - 10, as pH variations could cause disorders in wastewater channels and biological sewage treatment plants. The local discharge regulations take precedence.

### 12.1. Toxicity

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Fatty alcohol ethoxylate C8 27252-75-1	LC50	38 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	not specified
Fatty alcohol ethoxylate C8 27252-75-1	EC50	71 mg/l	Daphnia	24 h	Daphnia magna	not specified
Fatty alcohol ethoxylate C8 27252-75-1	EC0	700 mg/l	Bacteria	30 min		not specified
Sodium p-cumenesulphonate 15763-76-5	LC50	> 100 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sodium p-cumenesulphonate 15763-76-5	EC50	> 100 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium p-cumenesulphonate 15763-76-5	EC50	> 100 mg/l	Algae	96 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

### 12.2. Persistence and degradability

#### Persistence and degradability:

#### Degradation of surfactants

The surfactants contained in the products are primary biodegradable to at least 90% on average.

The biodegradability of the surfactants contained in the product is in accordance with the requirements of the EU Detergent Regulation (EC/648/2004).

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Fatty alcohol ethoxylate C8 27252-75-1	readily biodegradable	aerobic	76 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
Sodium p-cumenesulphonate 15763-76-5	readily biodegradable	aerobic	99,8 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

### 12.3. Bioaccumulative potential / 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

Hazardous components CAS-No.	PBT/vPvB



Fatty alcohol ethoxylate C8 27252-75-1	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Sodium p-cumenesulphonate 15763-76-5	Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria

#### 12.6. Other adverse effects

No data available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product disposal:

In consultation with the responsible local authority, must be subjected to special treatment.

Waste code

EWC/EAK 070608

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

### SECTION 14: Transport information

#### 14.1. UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

VOC content 0 %  
(2010/75/EU)

#### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

**National regulations/information (Germany):**

WGK:	WGK = 2, water endangering product. Classification according to the mixture rules in German VwVwS regulation annex 4 from 27.July 2005.
WGK:	WGK = 2, significantly water endangering mixture. Classification according to the mixture rules in German AwSV regulation annex 1, number 5.2 from 18. April 2017.
Storage class according to TRGS 510:	10

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:  
H319 Causes serious eye irritation.

**Further information:**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**