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

1.1 Product identifier

Trade name

KRONES colclean hotclean

Substance name White mineral oil (petroleum)

REACH registration no. 01-2119487078-27

Identification numbers

CAS no. 8042-47-5 EC no. 232-455-8

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

Relevant identified uses of the substance or mixture

detergent

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

KIC KRONES Internationale Cooperationsgesellschaft mbH

Böhmerwaldstraße 5 93073 Neutraubling

Telephone no. +49 9401 70-3020 Fax no. +49 9401 70-3696 e-mail kic@kic-krones.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

In case of transport incidents and other emergencies:

+44 (0) 1235 239 670 (NCEC, National Chemical Emergency Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Not relevant

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterization

Substance name White mineral oil (petroleum)

Identification numbers

CAS no. 8042-47-5 EC no. 232-455-8

3.2 Mixtures

Not applicable. The product is not a mixture.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

After skin contact

When in contact with the skin, clean with soap and water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

After ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor immediately.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing measures to suit surroundings. Carbon dioxide; Extinguishing powder; Water spray jet; Fight big fire with directed water spray or Alcohol-resistant foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; organic materials

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product.

For emergency responders

Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Observe the usual precautions for handling chemicals.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, pls. See chapter 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No parameters available for monitoring.

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respirator Kombinationsfilter A-P2

Eye / face protection

Safety glasses (EN 166)

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber 0.5 Material thickness >= mm Breakthrough time >= 480 min Appropriate Material nitrile rubber Material thickness 0.5 Breakthrough time >= 480 min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour		
liquid		
colourless		
Odour		
odourless		

Odour throshold	
Odour threshold	

Odour threshold	
No data available	

pH value	
No data available	

Boiling point / boiling range	
No data available	

Melting point / melting range
No data available

Decomposition point / decomposition range	
No data available	

Flash point			
Value	>	220	°C

Auto-ignition temperature	
No data available	

Oxidising properties	
No data available	

Explosive properties
Product does not present an explosion hazard.

Flammability (solid, gas)	
No data available	

Lower flammability or explosive limits	
No data available	

Upper flammability or explosive limits No data available

Vapour pressure		
Value	0.5	hPa
Reference temperature	20	°C

Vapour density	
No data available	

Evaporation rate	
No data available	

	Relative density
ı	No data available

Density			
Value	appr.	0.87	g/cm³
Reference temperature		15	°C

Solubility in water	
Comments	difficult to mix
Solubility/ico\	

Solubility(ies)
No data available

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Partition coefficient: n-octanol/water					
No data available					
Viscosity					
Value	60	- 100	mm²/s		

VISCOSILY				
Value	60	-	100	mm²/s
Reference temperature			40	°C
Туре	kinematic			

9.2 Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable at ambient temperature.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity							
No	Substance name		CAS no.		EC no.		
1	White mineral oil (petroleum)		8042-47-5		232-455-8		
LD5	0	>		5000	mg/kg bodyweight		
Spe	cies	rat					
Met	hod	OECD 401					
Sou	rce	ECHA					

Acu	Acute dermal toxicity				
No	Substance name		CAS no.		EC no.
1	White mineral oil (petroleum)		8042-47-5		232-455-8
LD5	0	>		2000	mg/kg bodyweight
Spe	cies	rabbit			
Metl	hod	OECD 402			
Sou	rce	ECHA			

Acu	Acute inhalational toxicity				
No	Substance name		CAS no.		EC no.
1	White mineral oil (petroleum)		8042-47-5		232-455-8
LC5	0	>		5	mg/l
Duration of exposure				4	h
State of aggregation		Dust/mist			
Species		rat			
Method		OECD 403			
Sou	rce	ECHA			

Skin corrosion/irritation				
No	Substance name	CAS no.	EC no.	

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1	White mineral oil (petroleum)	8042-47-5	232-455-8
Spec	ies	rabbit	
Meth	od	OECD 404	
Sour	ce	ECHA	
Evalu	uation	non-irritant	

Seri	rious eye damage/irritation		
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Spec	cies	rabbit	
Meth	nod	OECD 405	
Soul	rce	ECHA	
Eval	uation	non-irritant	

Res	Respiratory or skin sensitisation		
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Rou	te of exposure	Skin	
Spe	cies	guinea pig	
Method		OECD 406	
Source		ECHA	
Eval	uation	non-sensitizing	

Ger	Germ cell mutagenicity		
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Source		ECHA	
Evaluation/classification		Based on available data, the class	ification criteria are not met.

Rep	roduction toxicity		
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Source		ECHA	
Eva	luation/classification	Based on available data, the classificatio	n criteria are not met.

Card	Carcinogenicity		
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Soul	rce	ECHA	
Evaluation/classification		Based on available data, the classificatio	n criteria are not met.

STOT - single exposure	
No data available	

STOT - repeated exposure
No data available

Aspiration hazard	
No data available	

SECTION 12: Ecological information

12.1 Toxicity

No	icity to fish (acute) Substance name	CAS no.		EC no.
1	White mineral oil (petroleum)	8042-47-5		232-455-8
LL5	0	>	100	mg/l
Dura	ation of exposure		96	h
Species		Oncorhynchus mykiss		
Method		OECD 203		
Sou	rce	ECHA		

Toxicity to fish (chronic)

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No data available

Toxicity to Daphnia (acute)								
No	Substance name	CAS no.		EC no.				
1	White mineral oil (petroleum)	8042-47-5		232-455-8				
EL5	0	>	100	mg/l				
Duration of exposure			48	h				
Species		Daphnia magna						
Method		OECD 202						
Source		ECHA						

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)								
No	Substance name	CA	AS no.	EC no.				
1	White mineral oil (petroleum)	80	42-47-5	232-455-8				
NOEC		>	100	mg/l				
Duration of exposure			72	h				
Species		Pseudokirchneriella subcapitata						
Method		OECD 201						
Source		ECHA						

Bacteria toxicity No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

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14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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

Not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

In accordance with the Reach regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.

REACH candidate list of substances of very high concern (SVHC) for authorisation

In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation ("Authorization list").

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The substance is not subject to the provisions of annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This substance is not subject to Part 1 or 2 of Annex I

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Department issuing safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Prod-ID 760626