

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

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

### 1.1 Product identifier

Trade name

**SCANDIQUICK A**

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

**Relevant identified uses of the substance or mixture**

Materialographic embeddings

**Uses advised against**

No data available.

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

**Address**

SCAN-DIA GmbH  
Luetkenheider Strasse 11  
58099 Hagen  
Germany

Telephone no. +49 (0) -2331-62469-0

Fax no. +49 (0) -2331-62469-29

e-mail info@scan-dia.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)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 2; H411

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

**Hazard pictograms**



GHS09

**Signal word**

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**Hazard statement(s)**

H411

Toxic to aquatic life with long lasting effects.

**Hazard statements (EU)**

EUH208

Contains methyl-methacrylate, dibenzoyl peroxide. May produce an allergic reaction.

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

### Precautionary statement(s)

P273 Avoid release to the environment.  
 P391 Collect spillage.  
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

### 2.3 Other hazards

PBT assessment  
 No data available.

vPvB assessment  
 No data available.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

#### Chemical characterization

Acrylic polymer

#### Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	<b>methyl-methacrylate</b>		
	80-62-6 201-297-1 607-035-00-6 -	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335	< 2.50 %-b.w.
2	<b>dibenzoyl peroxide</b>		
	94-36-0 202-327-6 617-008-00-0 01-2119511472-50	Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 2.50 %-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	D	-	-	-
2	-	-	M = 10	M = 10

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

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

#### After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

#### After skin contact

In case of contact with skin wash off immediately with copious amounts of water. Consult a doctor if skin irritation persists.

#### 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). In case of irritation consult an ophthalmologist.

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

**After ingestion**

Rinse mouth thoroughly with water. Do not induce vomiting - aspiration hazard. Call in a physician immediately and show him the Safety Data Sheet. Never give anything by mouth to an unconscious person.

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

In some cases intoxication symptoms may only occur after a long time / several hours.

**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**

Foam; Dry chemical extinguisher; Water spray jet

**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; In case of combustion evolution of dangerous gases possible. organic crack products

**5.3 Advice for firefighters**

Wear full protective suit. Use self-contained breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Run-off water from fire fighting must not be discharged into drains or enter surface water.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in sections 7 and 8. Use breathing apparatus if exposed to vapours/dust/aerosol. Ensure adequate ventilation. Avoid dust formation.

**For emergency responders**

Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. In case of entry into waterways, soil or drains, inform the responsible authorities.

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

Take up mechanically. Send in suitable containers for recovery or disposal.

**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.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far as possible by the state of the art. Avoid the formation and deposition of dust. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

**General protective and hygiene measures**

Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs. Do not inhale dust.

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

### Advice on protection against fire and explosion

Dust can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition.

## 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 atmospheric moisture and water. Protect from sun.

### Recommended storage temperature

Value max. 30 °C

### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

### Advice on storage assembly

Do not store together with: oxidizing agents

## 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Dibenzoyl peroxide			
	WEL long-term (8-hr TWA reference period)	5	mg/m <sup>3</sup>

#### DNEL, DMEL and PNEC values

##### DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	dibenzoyl peroxide			94-36-0 202-327-6	
	dermal	Long term (chronic)		6.6	mg/kg
	inhalative	Long term (chronic)		11.75	mg/m <sup>3</sup>

##### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	dibenzoyl peroxide			94-36-0 202-327-6	
	oral	Long term (chronic)		1.65	mg/kg
	dermal	Long term (chronic)		3.3	mg/kg
	inhalative	Long term (chronic)		2.9	mg/m <sup>3</sup>

##### PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	dibenzoyl peroxide		94-36-0 202-327-6	
	water	fresh water	0.000602	mg/L
	water	fresh water sediment	0.338	mg/kg
	water	marine water	0.0000602	mg/L
	water	marine water sediment	0.0338	mg/kg
	sewage treatment plant	-	0.35	mg/L
	secondary poisoning	mammalian	6.67	mg/kg
	with reference to: food			

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

## 8.2 Exposure controls

### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

### 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. Short term: filter apparatus, Filter P2

#### Eye / face protection

Safety glasses with side protection shield (EN 166)

#### Hand protection

Use protective gloves (DIN 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 neoprene

#### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form/Colour</b>	
solid; Powder	
white	
<b>Odour</b>	
weak	
<b>Odour threshold</b>	
No data available	
<b>pH value</b>	
No data available	
<b>Boiling point / boiling range</b>	
Not applicable	
<b>Melting point / melting range</b>	
No data available	
<b>Decomposition point / decomposition range</b>	
No data available	
<b>Flash point</b>	
Value	> 250 °C
Reference substance	main components

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

<b>Auto-ignition temperature</b>
No data available

<b>Oxidising properties</b>
No data available

<b>Explosive properties</b>
No data available

<b>Flammability (solid, gas)</b>
No data available

<b>Lower flammability or explosive limits</b>
No data available

<b>Upper flammability or explosive limits</b>
No data available

<b>Vapour pressure</b>
No data available

<b>Vapour density</b>
No data available

<b>Evaporation rate</b>
No data available

<b>Relative density</b>
No data available

<b>Density</b>			
Value	1.13	g/cm <sup>3</sup>	
Reference temperature	20	°C	
Reference substance	main components		

<b>Bulk density</b>			
Value	600 - 650	kg/m <sup>3</sup>	
Reference temperature	20	°C	
Reference substance	main components		

<b>Solubility in water</b>	
Comments	insoluble

<b>Solubility(ies)</b>
No data available

<b>Partition coefficient: n-octanol/water</b>			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
log Pow		3.2	
Reference temperature		22	°C
Method	OECD 107		
Source	ECHA		

<b>Viscosity</b>
No data available

## 9.2 Other information

<b>Other information</b>
No data available.

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 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. Depolymerisation starting at 250 °C.

### 10.5 Incompatible materials

Oxidizing agents; To protect against moisture (air).

### 10.6 Hazardous decomposition products

None if stored, handled and transported properly. Thermal decomposition of the product may produce toxic fumes / gases.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
LD50	>	2000	mg/kg bodyweight
Species	mouse		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity			
No data available			

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
LC50		24.3	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

<b>Skin corrosion/irritation</b>
No data available
<b>Serious eye damage/irritation</b>
No data available
<b>Respiratory or skin sensitisation</b>
No data available
<b>Germ cell mutagenicity</b>
No data available
<b>Reproduction toxicity</b>
No data available
<b>Carcinogenicity</b>
No data available
<b>STOT - single exposure</b>
No data available
<b>STOT - repeated exposure</b>
No data available
<b>Aspiration hazard</b>
No data available
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>
The product can cause skin and eye irritation.
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>
Possibility of sensitisation through skin contact. Inhalation may lead to irritation of the respiratory tract.

## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
LC50		0.0602	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
<b>Toxicity to fish (chronic)</b>			
No data available			
<b>Toxicity to Daphnia (acute)</b>			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
EC50		0.11	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

Toxicity to Daphnia (chronic)	
No data available	

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
EC50		0.071	mg/l
Duration of exposure		72	h
Species		Pseudokirchneriella subcapitata	
Method		OECD 201	
Source		ECHA	

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
EC50		35	mg/l
Duration of exposure		30	min
Method		OECD 209	
Source		ECHA	

## 12.2 Persistence and degradability

No data available.

## 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	dibenzoyl peroxide	94-36-0	202-327-6
log Pow		3.2	
Reference temperature		22	°C
Method		OECD 107	
Source		ECHA	

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	No data available.
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. Do not allow to enter soil, waterways or waste water canal.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Dispose of according to all applicable regulations upon consultation of the local competent authorities and the disposer in a suitable and authorised 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.

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

Class	9
Classification code	M7
Packing group	III
Hazard identification no.	90
UN number	UN3077
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Technical name	dibenzoyl peroxide
Tunnel restriction code	-
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

### 14.2 Transport IMDG

Class	9
Packing group	III
UN number	UN3077
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Technical name	dibenzoyl peroxide
EmS	F-A, S-F
Label	9
Marine pollutant mark	Symbol "fish and tree"

### 14.3 Transport ICAO-TI / IATA

Class	9
Packing group	III
UN number	UN3077
Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Technical name	dibenzoyl peroxide
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

### 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

Trade name: SCANDIQUICK A

Current version : 4.0.1, issued: 29.01.2019

Replaced version: 4.0.0, issued: 18.04.2018

Region: GB

## 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)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

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

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

##### 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

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XVII of the REACH regulation (EC) 1907/2006.

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

This product is subject to Part I of Annex I, risk category: 

E2
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##### Other regulations

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

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

#### Sources of key data used to compile the data sheet:

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.

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

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

#### Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H225	Highly flammable liquid and vapour.
H241	Heating may cause a fire or explosion.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

D	Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.
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#### 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

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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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