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Safety Data Sheet

According to Regulation (EG) Nr. 1907/2006

Siachrome Magic

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

1.1. Product identifier

Siachrome Magic

UFI: GWVM-XG9A-HR9A-D2A3

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

Use of the substance/mixture

Automotive care products

1.3. Details of the supplier of the safety data sheet

Company name: Sia Abrasives Industries AG
Street: Mühlwiesenstrasse 20
Place: CH-8501 Frauenfeld/Schweiz

Telephone: +41 (0)52 724 41 11 Telefax: +41 (0)52 724 45 45

e-mail: msds.ch@sia-abrasives.com
Internet: www.sia-abrasives.com

1.4. Emergency telephone Toxzentrum Zürich 0041 44 251 51 51

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EG) Nr. 1272/2008

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

Regulation (EG) Nr. 1272/2008

Hazard components for labelling

This product has been treated with biocides for preservation.

Precautionary statements

P102 Keep out of reach of children.

Special labelling of certain mixtures

EUH205 Contains epoxy constituents. May produce an allergic reaction.

EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2

-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EG) Nr.	1272/2008)		
5131-66-8	3-Butoxy-2-propanol			1 - < 5 %
	225-878-4		01-2119475527-28	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
67-63-0	isopropanol			
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE	3; H225 H319 H336		
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)		< 0.1 %	
	611-341-5	613-167-00-5		
		 ox. 3, Skin Corr. 1C, Eye Dam. 1, Sk l310 H301 H314 H318 H317 H400 H		

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	
5131-66-8	225-878-4	3-Butoxy-2-propanol	1 - < 5 %
	dermal: LD50	= >2000 mg/kg; oral: LD50 = 3300 mg/kg	
67-63-0	200-661-7	isopropanol	1 - < 5 %
	dermal: LD50	= 12800 mg/kg; oral: LD50 = 5840 mg/kg	
55965-84-9	611-341-5	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)	< 0.1 %
	= >141 mg/kg 0,06 - < 0,6 1A; H317: >= Aquatic Acute	E = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50; oral: LD50 = 66 mg/kg	

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, perfumes, preservation agents (Methylchloroisothiazolinone/Methylisothiazolinone).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a doctor.

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

No information 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

Foam. Dry extinguishing powder. Carbon dioxide (CO2). Water spray jet. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

No special measures are necessary.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

For non-emergency personnel

Remove all sources of ignition. Ventilate affected area. Wear personal protection equipment (refer to section 8).

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Use personal protection equipment. Tested protective gloves must be worn: Recommended material: NBR (Nitrile rubber). Unsuitable material: PVC (polyvinyl chloride)

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment

Collect spillage. Stop leak if safe to do so. Cover drains.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Use non-sparking tools. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling



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Advice on safe handling

Use only in well-ventilated areas. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Advice on protection against fire and explosion

No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable sources can be kept away.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed.

Hints on joint storage

Do not store together with: Oxidising agent. Strong acid. Strong alkali.

Further information on storage conditions

Recommended storage temperature: 15-25°C

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
5131-66-8	3-Butoxy-2-propanol			
Consumer DN	EL, long-term	dermal	systemic	22 mg/kg bw/day
Consumer DM	EL, long-term	oral	systemic	12,5 mg/kg bw/day
Worker DNEL,	long-term	dermal	systemic	52 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	147 mg/m³
Consumer DN	EL, long-term	inhalation	systemic	43 mg/m³
67-63-0	isopropanol			
Consumer DN	EL, long-term	oral	systemic	26 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m³
Worker DNEL,	long-term	inhalation	systemic	500 mg/m³



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PNEC values

CAS No	Substance		
Environmental compartment		Value	
5131-66-8	3-Butoxy-2-propanol		
Freshwater		0,525 mg/l	
Marine wate	r	0,0525 mg/l	
Freshwater s	sediment	2,36 mg/kg	
Marine sediment		0,236 mg/kg	
Soil		0,16 mg/kg	
67-63-0	isopropanol		
Freshwater		140,9 mg/kg	
Marine water		140,9 mg/l	
Freshwater sediment		552 mg/kg	
Marine sediment		552 mg/kg	
Soil		28 mg/kg	

8.2. Exposure controls



Appropriate engineering controls

Use only in well-ventilated areas.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Tested protective gloves must be worn.

Recommended glove articles: Rotiprotect Nitril eco , Thickness of the glove material 0,10 mm, level 1 > 10 min. (DIN EN 374) Disposable gloves

Skin protection

Wear suitable protective clothing.

Respiratory protection

Warning! In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: colourless
Odour: fruity

Melting point/freezing point: not determined



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Boiling point or initial boiling point and

100 °C

boiling range:

Flammability

Solid/liquid: Gas:

not applicable not applicable

Lower explosion limits:

1,1 vol. %

Upper explosion limits: Flash point:

12 vol. %

Auto-ignition temperature: Decomposition temperature:

>61 °C not determined

pH-Value (at 20 °C):

not determined

Viscosity / kinematic:

>20,5 mm²/s

(at 40 °C)

Water solubility:

completely miscible

Solubility in other solvents

not determined

not determined

Partition coefficient n-octanol/water:

48 hPa

Vapour pressure: (at 20 °C)

Density (at 20 °C):

1,0 g/cm³ not determined

Relative density: Bulk density:

not determined

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties

Not oxidising.

Other safety characteristics

Solvent content: 4,20 % 3.3-6.7 mPa·s Viscosity / dynamic:

(at 20 °C)

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials

Oxidising agent. Strong acid. Strong alkali.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in CLP Regulation

Toxicocinetics, metabolism and distribution

No information available.



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Acute toxicity

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

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
5131-66-8	3-Butoxy-2-propanol							
	oral	LD50 mg/kg	3300	Rat	ECHA	OECD 401		
	dermal	LD50 mg/kg	>2000	Rat	GESTIS	OECD 401		
67-63-0	isopropanol							
	oral	LD50 mg/kg	5840	Rat	ECHA	OECD 401		
	dermal	LD50 mg/kg	12800	Rabbit	GESTIS			
55965-84-9	mixture of 5-chloro-2-me 220-239-6) (3:1)	thyl-2H-iso	thiazol-3-one ((EG No. 247-500-7) a	and 2-methyl-2H-isothia	azol-3-one (EG No.		
	oral	LD50	66 mg/kg	Rat	Thor			
	dermal	LD50 mg/kg	>141		Thor			
	inhalation vapour	ATE	0,5 mg/l					
•	inhalation dust/mist	ATE	0,05 mg/l					

Irritation and corrosivity

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

Sensitising effects

Contains epoxy constituents. May produce an allergic reaction.

Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and

2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

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.

Specific effects in experiment on an animal

No information available.

Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

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



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CAS No	Chemical name								
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method		
5131-66-8	3-Butoxy-2-propanol								
	Acute fish toxicity	LC50 1060 mg/l	>560-	96 h	Poecilia reticulata (Guppy)	ECHA	OECD 203		
	Acute algae toxicity	ErC50 mg/l	>1000	96 h	Pseudokirchneriella subcapitata	ECHA	OEDD 201		
	Acute crustacea toxicity	EC50 mg/l	>1000	48 h	Daphnia magna (Big water flea)	ECHA	OEDD 202		
	Algae toxicity	NOEC	560 mg/l	4 d	Pseudokirchneriella subcapitata				
67-63-0	isopropanol								
	Acute fish toxicity	LC50 mg/l	9640	96 h	Pimephales promelas (fathead minnow)	ECHA	OECD 203		
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Scenedesmus subspicatus				
	Acute crustacea toxicity	EC50 mg/l	9714		Daphnia magna (Big water flea)	ECHA	OECD 202		
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)								
	Acute fish toxicity	LC50 mg/l	0,22	96 h	Oncorhynchus mykiss (Rainbow trout)	Thor	OECD 203		
	Acute algae toxicity	ErC50 mg/l	0,048	72 h	Pseudokirchneriella subcapitata	Thor	OECD 201		
	Acute crustacea toxicity	EC50	0,1 mg/l	48 h	Daphnia magna (Big water flea)	Thor	OECD 202		
	Fish toxicity	NOEC mg/l	0,098	28 d	Oncorhynchus mykiss (Rainbow trout)	Thor	OECD 210		
	Algae toxicity	NOEC mg/l	0,0012	3 d	Pseudokirchneriella subcapitata	Thor	OECD 201		
	Crustacea toxicity	NOEC mg/l	0,004	21 d	Daphnia magna (Big water flea)	Thor	OECD 211		
	Acute bacteria toxicity	(EC50 mg/l)	7,92	3 h	Activated sludge		OECD 209		

12.2. Persistence and degradability

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

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
5131-66-8	3-Butoxy-2-propanol			
	OECD 301 E	90%	28	ECHA
	Readily biodegradable (according to OECD criteria).			
67-63-0	isopropanol			
	EU Method C.5	53%	5	ECHA
	Readily biodegradable (according to OECD criteria).			
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-5 220-239-6) (3:1)	500-7) and 2-methyl-2H-iso	othiazol-	3-one (EG No.
	OECD 301 A	>70 %	28	Thor
	Readily biodegradable (according to OECD criteria).			
	OECD 301 D	>60%		Thor
	Readily biodegradable (according to OECD criteria).			



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12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
5131-66-8	3-Butoxy-2-propanol	<3
67-63-0	isopropanol	0,05

BCF

CAS No	Chemical name	BCF	Species	Source
5131-66-8	3-Butoxy-2-propanol	<100		
55965-84-9	mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1)	3,16		EPIWIN, S 1177

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

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.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

· · · · · · · · · · · · · · · · · · ·	
14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.



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14.2. UN proper shipping name:
 14.3. Transport hazard class(es):
 14.4. Packing group:
 No dangerous good in sense of this transport regulation.
 No dangerous good in sense of this transport regulation.
 No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No special measures are necessary.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

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 40, Entry 75

2010/75/EU (VOC): 4,207 % (42,07 g/l) 2004/42/EC (VOC): 4,207 % (42,07 g/l)

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

(SEVESO III):

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

(EU) EINECS/ELINCS/NLP: yes

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,6,7,9,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

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Relevant H and EUH statements (number and full text)

H225	Highly flammable	liquid and vapour.
------	------------------	--------------------

H301 Toxic if swallowed.
H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2

-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Formulation or re-packing	F	-	-	8a, 9	2	-	-	
2	Automotive care products, Industrial uses	IS	-	-	7, 10, 17	4	-	-	
3	Automotive care products, Professional uses	PW	-	1	10, 11, 17	8a	-	-	
4	Automotive care products, Consumer use	С	-	31	-	8a	-	-	

LCS: Life cycle stages
PC: Product categories
ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use
PROC: Process categories
AC: Article categories

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