

SAFETY DATA SHEET

This safety data sheet complies with the requirements of: (CLP) Regulation (EC 1272/2008)

Revision Date 24-Aug-2020 Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code 21, 21-5

Product Name AUTO MAGIC FABRIC AND CARPET CLEANER

Sodium Metasilicate

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

Recommended Use Fabric Treatment. Dilution Required. Follow Technical Data Sheet for Dilution Instructions.

For professional use only.

Uses advised againstUses other than recommended use.

1.3. Details of the supplier of the safety data sheet

Manufacturer

ITW Evercoat 6600 Cornell Road Cincinnati, Ohio 45242 Telephone: 513-489-7600

E-mail address:

Info@automagic.com

1.4. Emergency telephone number

24-hour emergency phone number - CHEMTREC: 1-800-424-9300 INTERNATIONAL: 1-703-527-3887

SECTION 2: HAZARDS IDENTIFICATION:

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

110941411011 (20) 110 12/2/2000	
Skin corrosion/irritation	Category 1 - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Full text of R-phrases: see section 16

2.2. Label elements

Sodium Metasilicate



Signal word Danger

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Statements of hazard

H314 - Causes severe skin burns and eye damage

Precautionary Statements

P260 - Do not breathe dusts or mists

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

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

P310 - Immediately call a POISON CENTER or doctor

P363 - Wash contaminated clothing before reuse

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant

Other Information

· Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Sodium Metasilicate	229-912-9	6834-92-0	1 - 5	Skin Corr. 1B (H314) STOT SE 3 (H335)	Exempt - Volume
Isopropanol, 2-propanol	200-661-7	67-63-0	0.1 - 1	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225)	01-2119457558-25-XXXX
Trisodium Nitriloacetate	225-768-6	5064-31-3	<0.1	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Carc. 2 (H351)	Exempt - Volume
Sodium Hydroxide	215-185-5	1310-73-2	<0.1	Skin Corr. 1A (H314)	Exempt - Volume
Formaldehyde	200-001-8	50-00-0	<0.1	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Muta. 2 (H341) Carc. 1B (H350)	Exempt - Volume

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice If symptoms persist, call a physician.

Inhalation Immediate medical attention is not required. If symptoms persist, call a physician. Move to

fresh air in case of accidental inhalation of vapors or decomposition products.

Skin contact Immediate medical attention is not required. Wash off immediately with soap and plenty of

water while removing all contaminated clothes and shoes. If skin irritation persists, call a

physician.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and Eye contact

continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms

persist, call a physician.

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth Ingestion

to an unconscious person. Call a physician. Do NOT induce vomiting.

Use personal protective equipment as required. Self-protection of the first aider

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

Symptoms See section 2 for more information

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

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use. Use dry chemical. Carbon dioxide (CO2). Water spray (fog). Alcohol resistant foam.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

See section 12 for additional ecological information. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled

containers. Take precautionary measures against static discharges.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

General Hygiene Considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

Incompatible materials

Strong oxidizing agents

7.3. Specific end use(s)

Specific use(s)

Automotive Care Product.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Isopropanol, 2-propanol 67-63-0	-	TWA: 400 ppm TWA: 999 mg/m³ STEL: 500 ppm STEL: 1250 mg/m³	STEL: 400 ppm STEL: 980 mg/m ³	TWA: 200 ppm TWA: 500 mg/m³ STEL: 400 ppm STEL: 1000 mg/m³	TWA: 200 ppm TWA: 500 mg/m³
Sodium Hydroxide 1310-73-2	-	STEL: 2 mg/m ³	TWA: 2 mg/m ³	STEL: 2 mg/m ³	-
Formaldehyde 50-00-0	TWA 0.37 mg/m³ limit value of 0.62 mg/m³ or 0.5 ppm for the health care, funeral and embalming sectors until 11 July 2024 TWA 0.3 ppm limit value of 0.62 mg/m³ or 0.5 ppm for the health care, funeral and embalming sectors until 11 July 2024	TWA: 2 ppm TWA: 2.5 mg/m³ STEL: 2 ppm STEL: 2.5 mg/m³	TWA: 0.5 ppm STEL: 1 ppm	TWA: 0.3 ppm TWA: 0.37 mg/m³ STEL: 0.6 ppm STEL: 0.74 mg/m³	TWA: 0.3 ppm TWA: 0.37 mg/m ³
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Isopropanol, 2-propanol 67-63-0	-	TWA: 200 ppm STEL: 400 ppm	-	TWA: 200 ppm TWA: 500 mg/m ³ STEL: 250 ppm STEL: 620 mg/m ³	TWA: 200 ppm TWA: 490 mg/m ³
Sodium Hydroxide	-	Ceiling: 2 mg/m ³	-	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³

1310-73-2								
Formaldehyde 50-00-0	-	Ceiling: 0.3	3 ppm		15 mg/m ³).5 mg/m ³		VA: 0.3 ppm A: 0.37 mg/m ³	Ceiling: 0.3 ppm Ceiling: 0.4 mg/m ³
					_		eiling: 1 ppm ng: 1.2 mg/m³	
Chemical Name	Austria	Switzerland	Po	land	Norwa	ıy	Ireland	Slovenia
Isopropanol, 2-propanol 67-63-0	TWA: 200 ppm TWA: 500 mg/m³ STEL 800 ppm STEL 2000 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ STEL: 400 ppm STEL: 1000 mg/m³	TWA: 9	200 mg/m³ 100 mg/m³	TWA: 245 i STEL: 125 STEL: 30	mg/m³ 5 ppm 6.25	TWA: 200 ppm STEL: 400 ppm Sk*	TWA: 200 ppm TWA: 500 mg/m³ STEL: STEL ppm STEL: STEL
Sodium Hydroxide 1310-73-2	TWA: 2 mg/m³ STEL 4 mg/m³	TWA: 2 mg/m ³ STEL: 2 mg/m ³		1 mg/m³).5 mg/m³	mg/m Ceiling: 2 r		STEL: 2 mg/m ³	mg/m³
Formaldehyde 50-00-0	TWA: 0.3 ppm TWA: 0.37 mg/m³ STEL 0.6 ppm STEL 0.74 mg/m³	TWA: 0.3 ppm TWA: 0.37 mg/m³ STEL: 0.6 ppm STEL: 0.74 mg/m³	STEL: 0 TWA: 0	0.74 mg/m ³ .37 mg/m ³	TWA: 0.5 TWA: 0.6 r Ceiling: 1 Ceiling: 1.2	ng/m³ ppm	TWA: 0.3 ppm TWA: 0.5 ppm TWA: 0.37 mg/m³ TWA: 0.62 mg/m³ STEL: 0.6 ppm STEL: 0.738 mg/m³ STEL: 0.62 mg/m³	TWA: 0.3 ppm STEL: STEL ppm STEL: STEL mg/m³

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Isopropanol, 2-propanol	=	-	=	40	25 mg/L
67-63-0					
Chamical Name	Augtria	Cuitmorland	Poland	Manuar	lucloud
Chemical Name	Austria	Switzerland	Polano	Norway	Ireland
Isopropanol, 2-propanol	Austria -	25	- Poland	Norway -	ireiano -

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration

(PNEC)

No information available.

8.2. Exposure controls

Engineering ControlsUse exhaust ventilation to keep airborne concentrations below exposure limits.

Personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Skin and body protection Suitable protective clothing. Wear chemical resistant clothing such as gloves, apron, boots

or whole bodysuits made from neoprene, as appropriate. Antistatic footwear. Gloves made

of plastic or rubber.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment. Use

NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as

appropriate.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical stateLiquidAppearanceOrangeOdorLemon

Odor threshold No information available

Property Values Remarks • Method

pH 13

Melting point / freezing pointNo information availableBoiling point / boiling rangeNo information availableFlash point65 °C / 149 °FEvaporation rateNo information available

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Flammability (solid, gas)

Flammability Limit in Air

No information available

Upper flammability limit:
Lower flammability limit:
Vapor pressure
Vapor density

No information available
No information available
No information available
No information available

Relative density 1.03

Water solubility No information available

Solubility(ies) Soluble in water

Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Explosive properties
No information available

9.2. Other information

Softening pointNo information availableMolecular weightNo information availableVOC Content (%)No information availableDensityNo information availableBulk densityNo information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not applicable

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Carbon oxides

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

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Inhalation May cause irritation of respiratory tract.

Eye contact Irritating to eyes. May cause redness and tearing of the eyes.

Skin contact May cause skin irritation and/or dermatitis. Prolonged contact may cause redness and

irritation

Ingestion Ingestion may cause irritation to mucous membranes.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 20,446.00 mg/kg

Unknown acute toxicity

	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
	Sodium Metasilicate	= 1153 mg/kg (Rat)		
-	Isopropanol, 2-propanol	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h

Skin corrosion/irritationNo information available.

Serious eye damage/eye irritation No information available.

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Chemical Name	European Union
Trisodium Nitriloacetate	Carc. 2
Formaldehyde	Carc. 1B

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Target Organ Effects Respiratory system, Eyes, Skin.

Aspiration hazard: No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium Metasilicate	-	210: 96 h Brachydanio rerio mg/L	216: 96 h Daphnia magna mg/L
		LC50 210: 96 h Brachydanio rerio	EC50
		mg/L LC50 semi-static	
Isopropanol, 2-propanol	1000: 96 h Desmodesmus	11130: 96 h Pimephales promelas	13299: 48 h Daphnia magna mg/L
	subspicatus mg/L EC50 1000: 72 h		EC50
	Desmodesmus subspicatus mg/L	Pimephales promelas mg/L LC50	
	EC50	flow-through 1400000: 96 h	
		Lepomis macrochirus µg/L LC50	
Trisodium Nitriloacetate	560 - 1000: 96 h Chlorella vulgaris	175 - 225: 96 h Lepomis	560 - 1000: 48 h Daphnia magna
	mg/L EC50	macrochirus mg/L LC50 static 560 -	mg/L LC50
		1000: 96 h Oryzias latipes mg/L	
		LC50 560 - 1000: 96 h Oryzias	
		latipes mg/L LC50 semi-static 560 -	
		1000: 96 h Poecilia reticulata mg/L	
		LC50 560 - 1000: 96 h Poecilia	

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		reticulata mg/L LC50 semi-static 72	
		- 133: 96 h Oncorhynchus mykiss	
		mg/L LC50 static 93 - 170: 96 h	
		Pimephales promelas mg/L LC50	
		flow-through 114: 96 h Pimephales	
		promelas mg/L LC50 252: 96 h	
		Lepomis macrochirus mg/L LC50	
		470: 96 h Pimephales promelas	
		mg/L LC50 static	
Sodium Hydroxide	-	45.4: 96 h Oncorhynchus mykiss	-
		mg/L LC50 static	
Formaldehyde	-	0.032 - 0.226: 96 h Oncorhynchus	11.3 - 18: 48 h Daphnia magna
,		mykiss mL/L LC50 flow-through 100	mg/L EC50 Static 2: 48 h Daphnia
		- 136: 96 h Oncorhynchus mykiss	magna mg/L LC50
		mg/L LC50 static 22.6 - 25.7: 96 h	
		Pimephales promelas mg/L LC50	
		flow-through 23.2 - 29.7: 96 h	
		Pimephales promelas mg/L LC50	
		static 1510: 96 h Lepomis	
		macrochirus µg/L LC50 static 41: 96	
		h Brachydanio rerio mg/L LC50	
		static	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient	
Isopropanol, 2-propanol	0.05	
Formaldehyde	0.35	

12.4. Mobility in soil

Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Endocrine Disruptor Information

None known.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused

products

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated packaging

Do not reuse container.

Waste codes / waste designations No Data Available

according to EWC / AVV

Other Information Waste codes should be assigned by the user based on the application for which the product

was used.

Section 14: TRANSPORT INFORMATION

This information is not intended to convey all specific regulatory information relating to this Note:

> product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the

transportation of the material.

IMDG

14.1 UN/ID No UN1760

14.2 Proper shipping name Corrosive Liquid, n.o.s, (disodium trioxosilicate)

14.3 Hazard Class 14.4 Packing Group Ш

14.5 Environmental hazard Not applicable

14.6 Special Provisions No information available

14.7 EmS-No Not applicable

RID

14.1 UN/ID No No information available.

14.2 Proper shipping name Not regulated 14.3 Hazard Class Not regulated None 14.4 Packing Group

Not applicable 14.5 Environmental hazard

No information available 14.6 Special Provisions No information available 14.7 Classification code

ADR

14.1 UN/ID No No information available.

14.2 Proper shipping name Not regulated 14.3 Hazard Class Not regulated 14.4 Packing Group None

14.5 Environmental hazard Not applicable

No information available 14.6 Special Provisions 14.7 Classification code No information available

IATA

14.1 UN/ID No

Corrosive Liquid, n.o.s, (disodium trioxosilicate) 14.2 Proper shipping name

14.3 Hazard Class 14.4 Packing Group Ш

14.5 Environmental hazard Not applicable

No information available 14.6 Special Provisions

14.7 ERG Code Not applicable

Section 15: REGULATORY INFORMATION

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

Chemical Name	French RG number	Title
Isopropanol, 2-propanol 67-63-0	RG 84	-
Formaldehyde 50-00-0	RG 43	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

product docomer comain capatament capatament	(100 minutes)	1 (=) (01.1), 7 (11.10)
Chemical Name	Restricted substance per REACH Annex	Substance subject to authorization per
	XVII	REACH Annex XIV
Formaldehyde - 50-00-0	Use restricted. See item 72.	
	Use restricted. See item 28.	

Persistent Organic Pollutants

Not applicable

Chemical Name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Formaldehyde - 50-00-0	5	50

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA Complies **DSL/NDSL** Complies Complies **EINECS/ELINCS** Complies **ENCS** Complies **IECSC KECL** Complies **PICCS** Complies **AICS** Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H225 - Highly flammable liquid and vapor

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H311 - Toxic in contact with skin

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H331 - Toxic if inhaled

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H341 - Suspected of causing genetic defects

H350 - May cause cancer

H351 - Suspected of causing cancer

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value * Skin designation

Revision Date 24-Aug-2020

Revision Note Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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End of Safety Data Sheet