



A solution for every problem

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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SM - Water Repellent

Revision 2

Revision date 2018-08-22

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

1.1. Product identifier

Product name SM - Water Repellent

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

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC35] Washing and cleaning products (including solvent based products);

1.3. Details of the supplier of the safety data sheet

Company Sure Chemicals Limited
Address Martindale Industrial Estate
Hawks Green
Cannock
Staffordshire WS11 7XN
Web www.surechemicals.co.uk
Telephone 01543 462 000
Fax 01543 579 311
Email sales@surechemicals.co.uk
Email address of the competent person sales@surechemicals.co.uk

1.4. Emergency telephone number


Emergency telephone number 01543 462 000
8.00 am - 4.30 pm Mon - Fri
If out of these hours, please call NHS, non emergency, on 111.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 Flam. Liq. 3: H226; Eye Irrit. 2: H319;

2.2. Label elements

Hazard pictograms 

Signal Word Warning

Hazard Statement Flam. Liq. 3: H226 - Flammable liquid and vapour.
Eye Irrit. 2: H319 - Causes serious eye irritation.

Precautionary Statement: Prevention P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting// equipment.

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2.2. Label elements

Precautionary Statement: Response	P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Acetic acid ...% (Acetic acid)	607-002-00-6	64-19-7	200-580-7	01-2119475328-30	0 - 0.5%	Flam. Liq. 3: H226; Skin Corr. 1A: H314;
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7	01-2119457558-25	10 - 20%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No first aid requirements.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. If you feel unwell, seek medical advice (show the label where possible).
Skin contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. If you feel unwell, seek medical advice (show the label where possible).

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

Inhalation	No irritation expected.
Eye contact	Irritating to eyes.
Skin contact	No irritation expected.
Ingestion	No irritation expected.

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

	Treat symptomatically. If unsure, seek medical attention/advice.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable gloves. Safety glasses.

6.2. Environmental precautions

No environmental requirements.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See Section 7 for handling information. See Section 8 for personal protection information. See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry area.

Suitable packaging

Store in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm:	400	WEL 8-hr limit mg/m ³ :	999
	WEL 15 min limit ppm:	500	WEL 15 min limit mg/m ³ :	1250
	WEL 8-hr limit mg/m ³ total	-	WEL 15 min limit mg/m ³ total	-
	inhalable dust:		inhalable dust:	
	WEL 8-hr limit mg/m ³ total	-	WEL 15 min limit mg/m ³ total	-
	respirable dust:		respirable dust:	

DNEL: Derived no-effect level.

Exposure Pattern - Workers

Isopropanol	Long-term - inhalation - Systemic effects	500 mg/m ³	
	Long-term - dermal - Systemic effects	888 mg/kg	

Exposure Pattern - General population

Isopropanol	Long-term - inhalation - Systemic effects	89 mg/m ³	
	Long-term - dermal - Systemic effects	319 mg/kg	Long-term - oral - Systemic effects 26 mg/kg

8.2. Exposure controls

Eye / face protection	Not normally required.
Skin protection - Handprotection	Nitrile rubber gloves.
Respiratory protection	Not normally required.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Odourless
Odour threshold	Not determined
pH	6.5 - 7.5
Melting point	0
Initial boiling point	100
Flash point	> 41 °C
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper Explosive Limit	Not determined
Lower Explosive Limit	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	1 - 1.02
Partition coefficient (n-octanol/water)	Not determined
Autoignition temperature	Not determined
Viscosity	Not determined
Solubility	Slightly soluble in water

SECTION 10: Stability and reactivity

10.1. Reactivity

No precautions required to be mentioned.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known to occur.

10.4. Conditions to avoid

Protect from frost.

10.5. Incompatible materials

No materials known to be incompatible.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No reproductive toxicity effects reported.
STOT-single exposure	No target organ toxicity effects reported.
STOT-repeated exposure	No target organ toxicity effects reported.
Aspiration hazard	No aspiration hazards reported.

11.1.4. Toxicological Information

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11.1.4. Toxicological Information

Isopropanol	Oral Rat LD50: >2000 mg/kg Inhalation Rat LC50/4 h: >20 mg/l	Dermal Rabbit LD50: >2000 mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

Isopropanol	Daphnia EC50/48h: 100.0000 mg/l	Algae EC50/72h: 100
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12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	No data is available on this product.
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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12.6. Other adverse effects

	No data is available on this product.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of this material and its container to hazardous or special waste collection point.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN1993
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14.2. UN proper shipping name

	FLAMMABLE LIQUID, N.O.S. (Isopropanol)
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14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

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ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-E
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IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

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

Regulations	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - Hazard pictograms. 14 - ADR/RID. 14 - IMDG. 14 - IATA.
Text of Hazard Statements in Section 3	Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.