

Safety Data Sheet

according to Regulation (EC) No. 453/2010 Revision date: 05/06/2015 Data of inclus: 07/07/2015

Professional	Date of issue: 07/07/2015 Revision date: 05/06/2015 :	Version: 10.0
H3 S-CONC GLASS & MU	JLTISURFACE CLEANER	575022
SECTION 1: Identification o	f the substance/mixture and of the company/undertaking	
1.1. Product identifier	the substance/mixture and of the company/undertaking	
Product form	: Mixture	
Product name	: H3 S-CONC GLASS & MULTISURFACE CLEANER	
Product code	: 575022	
Type of product	: Technical product	
1.2. Relevant identified uses	of the substance or mixture and uses advised against	
1.2.1. Relevant identified uses		
Main use category	: Professional use	
Industrial/Professional use spec	: For professional use only	
Use of the substance/mixture	: Glass cleaner., Hard Surface Cleaner/Sanitiser	
1.2.2. Uses advised against		
No additional information available		
1.3. Details of the supplier of	the safety data sheet	
SELDEN RESEARCH LIMITED	STADEN LANE BUSINESS PARK, STADEN LANE, BUXTON, DERBYSHIRE, SK17	9RZ, UNITED
	KINGDOM Tel: 01298 26226 Fax: 01298 26540 Email: sales@selden.co.uk	
1.4. Emergency telephone nu	Imber	
Emergency number	: Mon to Fri 8.30am to 5.00pm - 01298 26226	
SECTION 2: Hazards identif	fication	
2.1. Classification of the sub		
Classification according to Regula		
Skin Corr. 1B H314		
	6	
Full text of H-phrases: see section 16	0	
2.2. Label elements		
Labelling according to Regulation	(EC) No. 1272/2008 [CLP]	
Hazard pictograms (CLP)		
Signal word (CLP)	GHS05 : Danger	
Hazardous ingredients	: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chloride	s
Hazard statements (CLP)	: H314 - Causes severe skin burns and eye damage	
Precautionary statements (CLP)	: P260 - Do not breathe spray	
	P264 - Wash hands thoroughly after handling	
	P280 - Wear eye protection, protective gloves	
	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiti P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contami	
	Rinse skin with water/shower	-
	Rinse skin with water/shower	hla far braathing

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

2.3. **Other hazards**

No additional information available

SECTION 3: Composition/information on ingredients				
3.1.	Substance			
Not app	Not applicable			
3.2.	Mixture			

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Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propan-2-ol, isopropyl alcohol, isopropanol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0 (REACH-no) 01- 2119457558-25	5 - 15	F; R11 Xi; R36 R67	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	(CAS No) 68424-85-1 (EC no) 270-325-2 (REACH-no) 01- 2119965180-41	5 - 15	Xn; R22 C; R34 N; R50	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Get medical advice/attention if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash before reuse.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Get immediate medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.
4.2. Most important symptoms and effect	cts, both acute and delayed
Symptoms/injuries after inhalation	: May cause respiratory irritation.
Symptoms/injuries after skin contact	: Burns.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: Burns.
4.3. Indication of any immediate medica	I attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam.
5.2. Special hazards arising from the sul	bstance or mixture
Hazardous decomposition products in case of fire	: Corrosive vapours.
5.3. Advice for firefighters	
No additional information available	
SECTION 6: Accidental release meas	sures
	uipment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Use personal protective equipment as required.
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containme	ent and cleaning up
For containment	: Collect spillage.
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
6.4. Reference to other sections	
	ure controls/personal protection". For further information refer to section 13.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
i i coudiono for sale nanuning	: Avoid contact with skin and eyes.
Precautions for safe handling	
Precautions for safe handling	
Hygiene measures	: Do not eat, drink or smoke when using this product.
-	: Do not eat, drink or smoke when using this product.

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 Storage conditions
 : Keep container closed when not in use.

 Incompatible products
 : Oxidizing agent. Strong acids. Strong bases.

 Incompatible materials
 : Metals.

 Special rules on packaging
 : Keep only in original container.

 7.3.
 Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)			
Denmark	Local name	Isopropylalkohol (2005)	
Denmark	Denmark Grænseværdie (langvarig) (mg/m ³) 490 mg/m ³		
Denmark	Denmark Grænseværdie (langvarig) (ppm) 200 ppm		
Germany	TRGS 900 Limitation of exposure peaks (mg/m ³)	1000 mg/m ³	
Ireland	Local name	Isopropyl alcohol	
Ireland	OEL (8 hours ref) (ppm)	200 ppm	
Ireland	OEL (15 min ref) (ppm)	400 ppm	
Ireland	Notes (IE)	Sk	
Netherlands	Grenswaarde TGG 8H (mg/m ³)	650 mg/m ³	
Netherlands	Grenswaarde TGG 15MIN (mg/m ³)	0 mg/m ³	
United Kingdom	Local name	Propan-2-ol	
United Kingdom	WEL TWA (mg/m ³)	999 mg/m ³	
United Kingdom	WEL TWA (ppm)	400 ppm	
United Kingdom	WEL STEL (mg/m ³)	1250 mg/m ³	
United Kingdom	WEL STEL (ppm)	500 ppm	

8.2. Exposure controls

Materials for protective clothing

Hand protection

Eye protection

Skin and body protection

Respiratory protection



: Not required for normal conditions of use

- : Protective gloves
- : Safety glasses
- : Not required for normal conditions of use
- : Not required for normal conditions of use

SECTION 9: Physical and chemical properties				
9.1. Information on basic physical an	d chemical properties			
Physical state : Liquid				
Appearance	: Liquid.			
Colour	: dark green.			
Odour	: Floral.			
Odour threshold	: No data available			
рН	: 7.5			
Relative evaporation rate (butylacetate=1)	: No data available			
Melting point	: No data available			
Freezing point	: No data available			
Boiling point	: No data available			
Flash point	: No data available			
Auto-ignition temperature	: No data available			
Decomposition temperature	: No data available			
Flammability (solid, gas)	: No data available			
Vapour pressure	: No data available			

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Relative vapour density at 20 °C	: No data available
Relative density	: 0.97
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. **Other information**

No additional information available

SECTION 10: Stability and reactivity			
10.1. Reactivity			
No additional information available			
10.2. Chemical stability			
Stable under normal conditions.			
10.3. Possibility of hazardous reactions			
No additional information available			
10.4. Conditions to avoid			
No additional information available			
10.5. Incompatible materials			
metals.			
10.6. Hazardous decomposition products			
No additional information available			

SECTION 11: Toxicological information			
11.1. Information on toxicological effects			
Acute toxicity	: Not classified		
Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 7.5		
Serious eye damage/irritation	: Serious eye damage, category 1, implicit pH: 7.5		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
Specific target organ toxicity (single exposure)	: Not classified		
Specific target organ toxicity (repeated exposure)	: Not classified		
Aspiration hazard	: Not classified		

SECTION 12: Ecological information

12.1. Toxicity			
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)			
LC50 fishes 1	9640 mg/l		
EC50 other aquatic organisms 1 13299 mg/I EC50 waterflea (48 h)			
EC50 other aquatic organisms 2 > 1000 mg/l IC50 algea (72 h) mg/l			
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)			
ErC50 (algae) < mg/l			
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12.2. Persistence and degradability			

No additional information available

12.3. **Bioaccumulative potential**

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propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)		
Log Po	W	0.14
12.4.	Mobility in soil	
No additional information available		
12.5.	Results of PBT and vPvB assessment	
No additional information available		
12.6.	Other adverse effects	
No additional information available		

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	ΙΑΤΑ		
14.1. UN number				
1760	1760	1760		
14.2. UN proper shipping name		1		
CORROSIVE LIQUID, N.O.S.	CORROSIVE LIQUID, N.O.S. CORROSIVE LIQUID, N.O.S. CORROSIVE LIQUID, N.O.S.			
Transport document description		1		
UN 1760 CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS), 8, III, (E)	UN 1760 CORROSIVE LIQUID, N.O.S., 8, III			
14.3. Transport hazard class(es)				
8	8	8		
8	8	8		
14.4. Packing group				
III	III	III		
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No		
No supplementary information available				

14.6. Special precautions for user

- Overland transport	
Classification code (ADR) : C9	
Special provisions (ADR) : 274	
Limited quantities (ADR) : 5L	
Excepted quantities (ADR) : E1	
Packing instructions (ADR) : P001, IBC03, LP07	
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP1, TP28
Tank code (ADR) : L4BN	
Vehicle for tank carriage : AT	
Transport category (ADR) : 3	
Special provisions for carriage - Packages (ADR)	: V12
Hazard identification number (Kemler No.)	: 80
Orange plates	80
	1760

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AC code : 2X EPP code : 9 Paraleport by sea Special provisions (IMDG) : 23, 274 imited quantities (IMDG) : 5 L iscepted quantities (IMDG) : 15 L iscepted quantities (IMDG) : 16003 iran instructions (IMDG) : 1701 BC033 iran instructions (IMDG) : 171 iran kapecial provisions (IMDG) : 174 iran kapecial provisions (IMTA) : 174 CA Limited quantities (IATA) : 184 CA Limited quantities (IATA) : 184 CA compared quantities (IATA) : 184 CA max net quantity	unnel restriction code (ADR)	: E		
PP code : B Transport by sea : special provisions (IMOG) : 23, 274 imited quantities (IMOG) : 5 L scategred quantities (IMOG) : 5 Pon1, LP01 BC packing instructions (IMOG) : BC03 ack instructions (IMOG) : BC03 ack instructions (IMOG) : TP1, TP28 ack instructions (IMOG) : S-8 Storage category (IMOG) : S-8 Storage category (IMOG) : S-1 CA Excepted quantities (IATA) : E1 CA packing instructions (IMAG) : S-8 Storage category (IMOG) : S-8 CA packing instructions (IATA) : E1 CA packing instructions (IATA)				
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Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4 Hazardous to the aquatic environment — Acute Hazard, Category 1 Aquatic Acute 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Flam. Liq. 2 Flammable liquids, Category 2 Skin Corr. 1B Skin corrosion/irritation, Category 1B STOT SE 3 Specific target organ toxicity - Single exposure, Category 3, Narcosis H225 Highly flammable liquid and vapour

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according to Regulation (EC) No. 453/2010

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life

SDS EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product