SAFETY DATA SHEET
ACCORDING TO 1907/2006/EC, ARTICLE 31

SECHELLE WINDOW AND GLASS CLEANER

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

1.1: PRODUCT IDENTIFIER

Product Name	Sechelle Window and Glass Cleaner Smear Free
Other means of identification	Window Cleaner Glass Cleaner

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses	Cleaner for Window, Glass, Mirrors and Stainless Steel

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier	Sechelle Manufacturing Ltd
Address	Unit 18-20 Uplands Business Park Blackhorse Lane Walthamstow London E17 5QJ
Web	www.sechelle.co.uk
Telephone	020 8503 3588
Fax	
Email	sales@sechelle.co.uk
Email address of the competent person	SDS@sechelle.co.uk

1.4 EMERGENCY TELEPHONE NUMBER

Emergency telephone number	
Further information	
Uses advised against	

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

2.1.1 Classification – 1999/45/EC	FLAM. LIQ. 3-H226
Main Hazards	FLAM. LIQ. 3-H226

2.2 LABEL ELEMENTS

Symbols	
Signal word	WARNING
Hazard statement	H226 FLAMMABLE LIQUID AND VAPOUR H319 CAUSES SERIOUS EYE IRRITATION
Precautionary Statement: Prevention	P102-KEEP OUT OF REACH OF CHILDREN. P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING
Precautionary Statement: Response	P233 KEEP CONTAINER TIGHTLY CLOSED P305+P351+P388 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 FOAM, CARBON DIOXIDE, DRY POWDER OR WATER FOG TO EXTINGUISH. P403+P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL. P280 WEAR EYE PROTECTION P 15- RESTRICTED TO PROFESSIONAL USERS.

2.3 OTHER HAZARDS

Other hazards	none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Range	EC No	CAS No	Reach No/Submission No	Classification according to 67/548/EEC
PROPAN-2-OL	10-15%	200-661-7	67-63-0	01-2119457558-25	H225; H319; H336
2-BUTOXYETHANOL	1-4%	203-905-0	111-76-2		H302; H312; H332; H315; H319

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	IF SPRAY/MIST HAS BEEN INHALED, PROCEED AS FOLLOWS. MOVE AFFECTED PERSON TO FRESH AIR AND KEEP WARM AND AT REST IN A POSITION COMFORTABLE FOR BREATHING.
Eye contact	RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE ANY CONTACT LENSES AND OPEN EYELIDS WIDE APART. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.
Skin Contact	RINSE IMMEDIATELY WITH PLENTY OF WATER

Ingestion	DO NOT INDUCE VOMOTING. DRINK 1 TO 2 GLASSES OF WATER. IF SWALLOWED, RINSE MOUTH WITH WATER (ONLY IF PERSON IF CONSCIOUS)

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Inhalation	INHALATION MAY CAUSE NAUSEA AND VOMITING.
Eye contact	MAY CAUSE IRRITATION TO EYES
Skin Contact	MAY CAUSE IRRITATION TO SKIN. MAY CAUSE DEGREASING OF THE SKIN. MAY CAUSE DERMATITIS
Ingestion	INGESTION MAY CAUSE NAUSEA AND VOMITING

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Inhalation	IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE) REMOVE THE EFFECTED PERSON FROM THE SOURCE OF CONTAMINATION IMMEDIATELY.
Eye contact	IRRITATING TO EYES. BATHE THE EYE WITH RUNNING WATER FOR 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO.
Skin Contact	IRRITATING TO SKIN. RINSE IMMEDIATELY WITH PLENTY OF WATER.
Ingestion	INGESTION MAY CAUSE NAUSEA AND VOMITING, RINSE MOUTH THOROUGHLY. DRINK 1 TO 2 GLASSES OF WATER

GENERAL INFORMATION

	AVOID CONTACT WITH EYES.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

	WATER SPRAY

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

	CARBON DIOXIDE (CO2)

5.3 ADVICE FOR FIREFIGHTERS

	SELF-CONTAINED BREATHING APPARATUS. KEEP CONTAINERS COOL BY SPRAYING WITH WATER TO REDUCE EXPLOSIVE RISK.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

	NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGES. AVOID CONTACT WITH EYES.

6.2 ENVIRONMENTAL PRECAUTIONS

	ADVISE LOCAL AUTHORITIES IF LARGE SPILLS CANNOT BE CONTAINED.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

	ABSORB WITH INERT, ABSORBENT MATERIAL.

6.4 REFERENCE TO OTHER SECTIONS

	FOR PERSONAL PROTECTION, SEE SECTION 8, FOR WASTE DISPOSAL SEE SECTION 13.

FURTHER INFORMATION

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

	ELIMINATE ALL SOURCES OF IGNITION. ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. AVOID CONTACT WITH EYES AN SKIN. KEEP ONLY IN THE ORIGINAL CONTAINER. KEEP OUT OF REACH OF CHILDREN.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

	KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. DO NOT MIX WITH ANY OTHER PRODUCTS. KEEP ONLY IN THE ORIGINAL CONTAINER.

7.3 SPECIFIC END USE(S)

	CLEANER FOR WINDOW, GLASS, MIRRORS AND STAINLESS STEEL
SUITABLE PACKAGING	PLASTIC CONTAINERS, MILD STEEL CONTAINERS, STAINLESS STEEL CONTAINERS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

	NO DATA IS AVAILABLE ON THIS PRODUCT

8.1.1 EXPOSURE LIMIT VALUES

Propan-2-ol	LONG-TERM EXPOSURE LIMIT (8-HOUR TWA): WEL 400PPM 999MG/M3 SHORT-TERM EXPOSURE LIMIT (15-MINUTE): WEL 500PPM 1250 MG/M3
2-Butoxyethanol	LONG-TERM EXPOSURE LIMIT (8-HOUR TWA): WEL 25PPM 123MG/M3 SHORT-TERM EXPOSURE LIMIT (15-MINUTE): WEL 50PPM 246 MG/M3

8.2 EXPOSURE CONTROLS

8.2.1 Appropriate engineering controls	THIS PRODUCT MUST NOT BE HANDLED IN A CONFINED SPACE WITHOUT ADEQUATE VENTILATION.
8.2.2 Individual protection measures	ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. USE APPROPRIATE CLOTHING.
Eye/face protection	AVOID CONTACT WITH EYES, IF RISK ASSESSMENT INDICATES EYE CONTACT POSSIBLE WEAR APPROVED EYE WEAR.
Skin protection	NOT NORMALLY REQUIRED
Hand protection	NOT NORMALLY REQUIRED
Skin protection – other	NOT NORMALLY REQUIRED

	Respiratory protection	NOT NORMALLY REQUIRED
	Thermal hazards	NO DATA IS AVAILABLE ON THIS PRODUCT
8.2.3	**Environmental exposure controls**	NOT NORMALLY REQUIRED
	Occupational exposure controls	NOT NORMALLY REQUIRED. USE AS APPROPRIATE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

State	LIQUID
Colour	BLUE
Odour	LEMON
pH	7.00
Melting point	-6
Freezing point	-10
Boiling point	85C
Flash point	35C
Evaporation rate	NOT APPLICABLE
Flammability limits	NOT APPLICABLE
Vapour flammability	NOT APPLICABLE
Vapour pressure	NOT APPLICABLE
Vapour density	NOT APPLICABLE
Relative density	.975
Fat solubility	NOT APPLICABLE
Partition coefficient	NOT APPLICABLE
Autoignition temperature	NOT RELEVANT
Explosive	NOT APPLICABLE
Oxidising	NOT APPLICABLE
Solubility	NOT APPLICABLE

9.2 OTHER INFORMATION

Conductivity	NOT APPLICABLE
Surface tension	NOT APPLICABLE
Gas group	NOT APPLICABLE
Benzene content	NOT APPLICABLE
Lead content	NOT APPLICABLE
VOC (volatile organic compounds)	NOT APPLICABLE

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

	NO SPECIFIC HAZARD ASSOCIATED WITH THIS PRODUCT

10.2 CHEMICAL STABILITY

	DO NOT ALLOW TO FREEZE. STABLE UNDER NORMAL CONDITIONS

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

	SEE SECTION 10.1, 10.4, 10.5

10.4 CONDITIONS TO AVOID

	AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.

10.5 INCOMPATIBLE MATERIALS

	NONE

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

	CARBON DIOXIDE (CO2)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	DERMAL LD50; ORAL LD50
Skin corrosion/irritation	MAY CAUSE IRRITATION TO SKIN
Serious eye damage/irritation	MAY CAUSE IRRITATION TO EYES.
Respiratory or skin sensitisation	MAY CAUSE SENSITISATION BY INHALATION AND SKIN CONTACT.
Germ cell mutagenicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
Carcinogenicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
Reproductive toxicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
STOT-single exposure	NO DATA IS AVAILABLE ON THIS PRODUCT.
STOT-repeated exposure	NO DATA IS AVAILABLE ON THIS PRODUCT.
11.1.4 Toxicological Information	NO DATA AVAILABLE

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

	NO DATA AVAILABLE

12.2 PERSISTENCE AND DEGRADABILITY

	THE SURFACTANT(S) CONTAINED IN THIS PRODUCT COMPLIES (COMPLY) WITH THE BIODEGRADABILITY CRITERIA AS LAID DOWN IN REGULATION (EC) NO. 648/2004 ON DETERGENTS. DATA TO SUPPORT THIS ASSERTION ARE HELD AT THE DISPOSAL OF THE COMPETENT AUTHORITIES OF THE MEMBER STATES AND WILL BE MADE AVAILABLE TO THEM AT THEIR DIRECT REQUEST.

12.3 BIOACCUMULATIVE POTENTIAL

	DOES NOT BIOACCUMULATE

12.4 Mobility in soil

	Not known

12.5 Results of PBT and vPvB assessment

	This product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects

	No data is available on this product.

Section 13: Disposal Considerations

13.1 Waste treatment methods

	Discharge used solutions to drain. Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Large volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

General information

	This product is considered as none hazardous

Disposal methods

	Local and national regulations. This material and its container must be disposed of in a safe way.

Disposal of packaging

	Empty containers can be cleaned with water. empty containers can be sent for disposal or recycling.

Section 14: Transport Information

	Packed in no more than 5 litre this product is classed as Limited Quantity for Transport.

14.1

ADR/RID	1987
IMDG	1987
IATA	1987

14.2 UN proper shipping name

ADR/RID	Alcohols, N.O.S. (isopropanol)
IMDG	Alcohols, N.O.S. (isopropanol)
IATA	Alcohols, N.O.S. (isopropanol)

14.3 Transport hazard class(es)

ADR/RID	Class 3: Flammable liquids
ADR/RID label	3
IMDG class	Class 3: Flammable liquids
Transport label	

14.4 Packaging group

	111

14.5 Environmental hazards

	No

14.6 Special precautions for user

Section 15: Regulatory Information

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemical 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 Directive 91/155/EEC, 93/67/EEC, 93/105EC and 2000/21/EC. 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 Chemical Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commision Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC and 2000/21/EC

15.2 Chemical safety assessment

	No data is available on this product

Section 16: Other Information

Other information

Text of risk phrases in Section 3	H225 Highly flammable liquid vapour H302 Harmful if swallowed H312 Harmful in contact with skin H315 Causes skin irritation H319 Causes serious eye irritation H332 Harmful if inhaled H336 May cause drowsiness or dizziness

GENERAL INFORMATION

	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE. THIS INFORMATION IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AT THE DATE OF PUBLICATION HOWEVER NO GUARANTEE IS MADE TO ITS ACCURACY.

FURTHER INFORMATION

	The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. SECHELLE MANUFACTURING LTD WILL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY RESULTING FROM ANY INHERENT HAZARD OF THE MATERIAL, THE ABNORMAL USE OF THE MATERIAL OR FROM FAILURE TO ADHERE TO RECOMMENDATION.