



SAFETY DATA SHEET

Holts All Seasons Screenwash

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	Holts All Seasons Screenwash		
PRODUCT NO.	SA5A,DF 10003/3,SA3A,SA2A,SA1A		
SUPPLIER	Holt Lloyd Oakhurst Drive Cheadle Manchester +44 (0)161 491 7391 +44 (0)161 491 7399	MANUFACTURER	-
EMERGENCY TELEPHONE	FR - INRS Tél: 01.45.42.59.59 B - Antigifcentrum Tél: +32.70.245.245 NL - Rijksinstituut voor Volksgezondheid en Milieuhygiëne: tel. +31 (0)30 2748888 UK - Out of office hours Tel: 020 7358 9167		

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ETHANOL	200-578-6	64-17-5	10-30%	F;R11
PROPAN-1-OL	200-746-9	71-23-8	1-5%	F;R11 Xi;R41 R67
PROPAN-2-OL	200-661-7	67-63-0	1-5%	Xi;R36. F;R11. R67.
METHANOL	200-659-6	67-56-1	5-10%	T;R23/24/25,R39/23/24/25. F;R11.

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation, in contact with skin and if swallowed. Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

CLASSIFICATION Xn;R20/21/22,R68/20/21/22. R10.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. DO NOT try to put out large fires.

SPECIFIC HAZARDS

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO). Carbonyl compounds. Oxides of: Sulphur.

PROTECTIVE MEASURES IN FIRE

Firefighters should wear full protective gear including SCBA sets with full face shields.

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6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ETHANOL	OES	1000 ppm	1920 mg/m3		
PROPAN-1-OL	OES	200 ppm(Sk)	500 mg/m3(Sk)	250 ppm(Sk)	625 mg/m3(Sk)

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Occupational Exposure Limit

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. EN374 Rubber gloves are recommended.

EYE PROTECTION

Goggles/face shield are recommended.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Blue		
ODOUR	Characteristic Alcohol		
SOLUBILITY	Completely soluble in water		
BOILING POINT (°C)	90°C	RELATIVE DENSITY	0.95
FLASH POINT (°C)	21-55°C	FLAMMABILITY LIMIT - LOWER(%)	3.5
FLAMMABILITY LIMIT - UPPER(%)	15		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

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11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful by inhalation. May cause irritation to the respiratory system.

INGESTION

Harmful if swallowed. Swallowing concentrated chemical may cause severe internal injury. Ingestion of large amounts may cause unconsciousness.

SKIN CONTACT

Harmful in contact with skin. Harmful: possible risk of irreversible effects in contact with skin. Harmful: danger of serious damage to health by prolonged exposure in contact with skin.

EYE CONTACT

Splashes may irritate. Repeated exposure may cause chronic eye irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product is not expected to be hazardous to the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

14 TRANSPORT INFORMATION

GENERAL	Limited Quantities		
UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, TOXIC, NOS (METHANOL 8.5%)		
UN NO. ROAD	1992	UK ROAD PACK GR.	III
ADR CLASS NO.	III	ADR CLASS	Class 3: Flammable liquids. Class 6.1: Toxic substances.
UN NO. SEA	1987	IMDG CLASS	3
EMS	3-07	MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

METHANOL

RISK PHRASES

R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

SAFETY PHRASES

S2	Keep out of reach of children.
S13	Keep away from food, drink and animal feeding stuffs.
S23	Do not breathe vapour/spray.
S36/37	Wear suitable protective clothing and gloves.
S46	If swallowed seek medical advice immediately and show this container label.
S51	Use only in well-ventilated areas.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 88/379/EEC. System of specific information relating to Dangerous Preparations. 91/155/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

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APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Occupational Exposure Limits 2002 (EH40) Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments. Control of Substances Hazardous to Health Regulations 1999 Carriage of Dangerous Goods by Road Regulations 1996

16 OTHER INFORMATION

ISSUED BY

Technical Department

REV. NO./REPL. SDS GENERATED 1/

SDS NO. 11551

SAFETY DATA SHEET STATUS

Approved.

DATE 25-03-04

RISK PHRASES IN FULL

R11	Highly flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, to the suitability of such information for his own particular use.