



MATERIAL SAFETY DATA SHEET

HANDEX HAND SANITISER

1 - IDENTIFICATION	
PRODUCT NAME	Handex Hand Sanitiser Apple Tangerine Blueberry Natural
PRODUCT CODE	SH1119, SH1120, SH1121, SH1122, SH1123, SH1124, SH1125, SH1126, SH1127, SH1128, SH1129, SH1130, SH1132, SH1264, SH1265, SH1266
APPLICATION	Waterless Hand Sanitiser
SUPPLIER AND MANUFACTURER	Shield Chemicals (Pty) Ltd No. 9 London Road, Apex, Benoni Gauteng South Africa
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2 - HAZARD IDENTIFICATION
<u>Classification:</u> Combustible Liquid
<u>GHS Label Elements:</u> Hazard Statements: None Hazard Pictograms: None Precautionary Statements: Warning Other hazards that do not result in classification: None

3 - COMPOSITION/INFORMATION ON INGREDIENTS		
Name	CAS #	Amount
Isopropyl Alcohol	67-63-0	70%

4 - FIRST AID MEASURES	
INHALATION	Move to fresh air. If symptoms persist seek medical advice
INGESTION	Do not induce vomiting. If excessive quantities are ingested or symptoms occur, seek medical attention.
SKIN CONTACT	Wash skin with soap and water.
EYE CONTACT	Flush eye with copious amounts of water for 15

	minutes. Seek medical attention.
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5 - FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Use Foam, Carbon dioxide or dry powder extinguishers.
SPECIFIC HAZARDS	No known hazardous decomposition components
PROTECTIVE EQUIPMENT	Standard safety equipment Fire fighters should wear self-contained breathing apparatus and suitable personal protective equipment.

6 - ACCIDENTAL RELEASE MEASURES

METHOD OF CONTAINMENT	Absorb onto dry sand if possible, and dispose of safely as commercial waste. Rinse residues thoroughly with water.
PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT	Use personal protective equipment. Avoid contact with eyes.

7 - HANDLING AND STORAGE

HANDLING	Do not add any other substances to this product. Use in well-ventilated areas. Avoid contact with skin and eyes.
STORAGE	Store upright in original closed containers. Keep away from direct sunlight and heat. Keep away from oxidizing or flammable materials.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION	Not required under normal conditions of use. If handling this product such that it could be splashed into the eyes, wear suitable eye/face protection.
HAND PROTECTION	Not required under normal conditions of use. For prolonged use, make use of gloves that are resistant to detergents/solvents.
SKIN PROTECTION	Not Applicable Protective overalls may be worn
INHALATION	Not Applicable Personal protective equipment should only be considered where ventilation is very poor, or in the case of an accident.
HYGIENE MEASURES	Use in a well ventilated area. Keep away from sources of ignition.

9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous clear gel
ODOUR	As per standard
ODOUR THRESHOLD	No information available
pH	6.0 – 7.5
MELTING POINT/FREEZING POINT	No information available
INITIAL BOILING POINT AND BOILING RANGE	No information available
FLASH POINT	No information available
EVAPORATION RATE	No information available

FLAMMABILITY	No information available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	No information available
VAPOUR PRESSURE	No information available
VAPOUR DENSITY	No information available
RELATIVE DENSITY	No information available
WATER SOLUBILITY	Soluble
PARTITION COEFFICIENT: n-octanol/water	No information available
AUTO-IGNITION TEMPERATURE	No information available
DECOMPOSITION TEMPERATURE	No information available
VISCOSITY (Spindle 64 @ 0.3 RPM)	3000 – 4000 mPa.s

10 – STABILITY AND REACTIVITY

REACTIVITY	None under normal use
STABILITY	Stable under normal use
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal use
CONDITIONS TO AVOID	Avoid extreme heat and direct sunlight.
INCOMPATIBLE MATERIALS	Not applicable under normal conditions of use
HAZARDOUS DECOMPOSITION PRODUCTS	There are no hazardous decomposition products.

11 - TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE	
INHALATION	No known effect
INGESTION	No known effect
SKIN CONTACT	No known effect
EYE CONTACT	No known effect
DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE	
ACUTE TOXICITY	No known effect
SKIN CORROSION/IRRITATION	No known effect
SERIOUS EYE DAMAGE/IRRITATION	No known effect
RESPIRATORY AND SKIN SENSITISATION	No known effect
GERM CELL MUTAGENICITY	No known effect
CARCINOGENICITY	No known effect
REPRODUCTIVE TOXICITY	No known effect
STOT – SINGLE EXPOSURE	No known effect
STOT – REPEATED EXPOSURE	No known effect
ASPIRATION HAZARDS	No known effect

12 - ECOLOGICAL INFORMATION

ECOTOXICITY	Ecotoxicology data has not been determined for this specific product.
PERSISTANCE AND DEGRADABILITY	No information available
BIOACCUMULATIVE POTENTIAL	No information available
MOBILITY IN SOIL	No information available
OTHER ADVERSE EFFECTS	No information available

13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Disposal should be in accordance with local regulations
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14 - TRANSPORT INFORMATION

UN NUMBER	Not Regulated
PROPER SHIPPING NAME	Not Regulated
TRANSPORT HAZARD CLASS	Not Regulated
PACKING GROUP	Not Regulated
ENVIRONMENTAL HAZARDS	Not Regulated
SPECIAL PRECAUTIONS FOR USER	Not Regulated

15 - REGULATORY INFORMATION

No information available

16 - OTHER INFORMATION

This materials safety data sheet has been compiled according to SANS 10234:2008, and provides the best advice under our current state of knowledge. The user is ultimately responsible for ensuring that the requirements of the relevant legislation are complied with.

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, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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