

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	ZAPEX 1 Multipurpose degreaser
MSDS REVISION NUMBER	1
MANUFACTURER	Flowcrete SA (Pty.) Ltd. 176 Voortrekker Street Jacobs 4052
TELEPHONE NUMBER	(031) 461 3411
EMERGENCY TELEPHONE NUMBER(S)	Rob Weyers (031) 461 3411
SYNONYMS	None
CHEMICAL FAMILY	Hydrocarbon solvent
UN NUMBER	1223
DATE PREPARED	June 2014

SECTION 2 - COMPOSITION

HAZARDOUS COMPONENTS	1. Illuminating paraffin
R - PHRASES	R 10 / 22 / 38 / 52 / 53
S - PHRASES	S 2 / 24 / 43 / 62

SECTION 3 - HAZARDS IDENTIFICATION

FLAMMABILITY	3 - Slight (Flash point - 62°C to 100°C)
HEALTH EFFECTS - EYES	Eye irritant
HEALTH EFFECTS - SKIN	Skin irritant
HEALTH EFFECTS - INGESTION	Harmful if swallowed
HEALTH EFFECTS - INHALATION	Respiratory irritant

SECTION 4 - FIRST AID MEASURES

EYE CONTACT	Hold eye lids apart and immediately flush with plenty of water for at least 15 minutes. If irritation continues, seek medical attention immediately.
SKIN CONTACT	Rinse thoroughly with plenty of water. Remove contaminated clothing and shoes.
INGESTION	Rinse mouth thoroughly with water. Do not induce vomiting. Seek medical attention immediately.
INHALATION	Move to fresh air. If breathing has stopped or is laboured, give assisted respiration. Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE RATING	3 - Slight (Flash point - 62°C to 100°C)
EXTINGUISHING MEDIA	Carbon dioxide, foam, dry chemical, water fog.
SPECIAL FIRE FIGHTING PROCEDURES	Use water to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapours.
REACTIVITY	4 - Minimal

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear long sleeved clothing, boots, gloves and eye protection.

ENVIRONMENTAL PRECAUTIONS

Contain or dyke the entire perimeter of the contaminated area. Ensure that the spilled material does not enter any drains.

SPILL CLEAN-UP PROCEDURE

Working from the outer circumference of the contained spill area, absorb the product with sand or sawdust. Collect and place the contaminated materials in an approved disposal container. Dispose of contaminants in accordance with the Local and National By-laws. Should the spill exceed the in-house capabilities, call a spill responder immediately.

SECTION 7 - HANDLING AND STORAGE

STORAGE

Keep in cool, dry, ventilated storage and in closed containers.

HANDLING

Avoid contact with skin and eyes. Do not ingest or inhale. When handling, do not eat, drink or smoke. Avoid using in any spray application without strict conformance to all health and safety requirements.

SECTION 8 - PERSONAL PROTECTION / EXPOSURE CONTROLS

EYE PROTECTION

Wear safety glasses or goggles. Provide readily accessible eye wash stations.

SKIN PROTECTION

Wear long sleeved clothing, impervious gloves, apron and boots. Provide readily accessible safety showers.

RESPIRATORY PROTECTION

Wear the appropriate respiratory protective equipment in areas of inadequate ventilation.

INGESTION PROTECTION

Wash before eating, drinking or smoking. Observe the rules of hygiene.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Mobile liquid
COLOUR	Colourless
ODOUR	Mild solvent
pH	N/A
BOILING POINT	No data
MELTING POINT	No data
FLASH POINT	65°C (Pensky - Marten Closed Cup)
FLAMMABILITY	3 - Slight (62°C to 100°C)
VAPOUR PRESSURE	No data
SPECIFIC GRAVITY	0.80
SOLUBILITY IN WATER	Completely - 100%

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Heat, sparks and flames
INCOMPATIBLE MATERIAL	Strong oxidising substances
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, carbon dioxide

SECTION 11 - TOXICOLOGICAL PROPERTIES

ACUTE ORAL TOXICITY (LD50, RAT)	> 2 000 mg / kg
ACUTE DERMAL TOXICITY (LD50, RABBIT)	> 2 000 mg / kg
ACUTE INHALATION TOXICITY (LD50, RAT)	> 5 mg / l
EYE AND SKIN CONTACT	Eye and skin irritant.
CARCINOGENICITY	Not a known carcinogen

SECTION 12 - ECOLOGICAL INFORMATION

Harmful to aquatic organisms. May cause long- term adverse effects in the aquatic environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Use a reputable waste disposal contractor. Waste disposal measures must comply with all Local and National By-laws.

SECTION 14 - TRANSPORT INFORMATION

UN NUMBER	1223
IMO SHIPPING NAME	Kerosene
IMO CLASS AND DANGER GROUP	Class 3, Danger Group III
IMO SUBSIDIARY RISK(S)	None

SECTION 15 - REGULATORY INFORMATION

RISK (R) PHRASES

R 10 - Flammable
R 22 - Harmful if swallowed.
R 38 - Irritating to skin.
R 52 / 53 - Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

SAFETY (S) PHRASES

S 2 - Keep out of reach of children
S 24 - Avoid skin contact.
S 43 - In the case of a fire use foam, dry powder or carbon dioxide.
S 62 - If swallowed, do not induce vomiting. Seek medical advice immediately.

SECTION 16 - OTHER INFORMATION

Alert workers to this hazardous potential and ensure precautions are taken. In cases of any discomfort always seek medical advice.

All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for error of omission or the consequences thereof.