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Tagex South Africa 412 Heidelberg Rd Tulisa Park Johannesburg +27 11 621 8300 www.tagex.co.za

INDUSTRIAL SUPPLIES

MATERIAL SAFETY DATA SHEET

Product : Kleen Degreaser

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Kleen
SYNONYM:	Water based degreaser
CHEMICAL NAME:	Medium Duty Solvent Detergent
CAS NO:	Main row material: 111-76-2
UN NO:	Main row material: 2369
SUPPLIER/MANUFACTURER:	Tagex South Africa (Pty) Ltd
Address:	412 Heidelberg Rd Tulisa Park Johannesburg
Tel No:	011 621 8300
EMERGENCY TELEPHONE NO:	George 083 439 6607

2. HAZARDS IDENTIFICATION

ADVERSE HUMAN HEATH EFFECTS

Low toxic values.

PHISICAL AND CHEMICAL HAZARDS:

Prolonged use with no hand protection could cause skin irritation.

Fire or explosion: N/A (water based product)

CLASSIFICATION/SPECIFIC HAZARDS:

Defreasing fluid with slightly high Ph value +-12

INDUSTRIAL SUPPLIES

3. FIRST AID MEASURES (TO BE DONE BY FIRST AIDER)

INHALATION:	Water based product with low odours.
SKIN CONTACT:	Prolonged contact can cause irritation. Wear gloves - wash with water and put on a protective cream.
EYE CONTACT:	Flush eyes with excess water.
INGESTION:	Induce vomiting.

4. NOTES TO PHYSICIAN (NB: THIS TREATMENT IS ONLY TO BE GIVEN BY A MEDICAL DOCTOR OR UNDER HIS SUPERVISION.

INGESTION:	Only if large quantities have been ingested it would be necessary to use a stomach pump.
CARCINOGENITY:	N/A

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	This product is not flammable.
- Suitable	CO2 Dry chemical extinguisher can be used around the product
SPECIFIC HAZARDS:	None.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear gloves in mopping up.
ENVIRONMENTAL PRECAUTIONS:	Will neutralize in nature with no harmful effect

INDUSTRIAL SUPPLIES

METHODS FOR CLEANING UP :

Mop up - send down drain with excess water.

7. HANDLING AND STORAGE

HANDLING:

Normal condition.

TECHINICAL MEASURES:

None.

STORAGE:

Store in cool, dry area

TECHINICAL MEASURES:

None

RECOMMENDED STORAGE CONDITIONS: None

INCOMPATIBLE PRODUCTS:

None

PACKAGING:

All types of plastic

PACKAGING MATERIALS:

Recommended:

Plastic

Not suitable:

Steel Tins

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES:

N/A

PERSONAL PROTECTIVE EQUIPMENT:

Hand Protection:

With prolonged use, use gloves

Eye Protection:

None

Skin and body Protection:

Normal overalls

INDUSTRIAL SUPPLIES

9. PHYSICAL AND CHEMICAL PROPERTIES

METHODS FOR CLEANING UP :

Mop up - send down drain with excess water.

APPEARANCE:

Fluorecent Green/ Yellow Liquid

Physical state:

Liquid

Colour:

Green

ODOUR:

Typical

pH:

11,3 - 12.00

SPECIFIC TEMPERATURES:

Melting:

Liquid

Boiling:

100 Degree

FLAMMABILITY CHARATHERISTICS:

Flash point:

N/A

Iginition temperature:

N/A

Explosion limits:

N/A

OXIDIZING PROPERTIES:

None

DENSITY:

1,05

BULK DENSITY:

1,05g/1

VAPOUR PRESSURE:

SOLUBILITY:

Completely soluble in water

In organic solvents:

N/A



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10. STABILITY AND REACTIVITY

STABILITY: Very stable under normal conditions

HAZARDOUS REACTIONS:

Material to avoid: None

Condition to avoid: Strange Oxidants

Hazardous decomposition products: None

11. TOXOLOGICAL INFORMATION

ACUTE TOXICITY: According to our present knowledge - None

LOCAL EFFECTS:

12. ECOLOGICAL INFORMATION

BEHAVIOUR IN THE ENVIRONMENT: Very mild and easily neutralize in nature

PERSISTENCE/DEGRADABILITY: Biodegradable in nature

EXPECTED BEHAVIOUR OF THE PRODUCT: None

POSSIBLE IMPACT/EFFECTS: None

ECOTOXICITY: None

INDUSTRIAL SUPPLIES

13. DISPOSAL CONSIDERATIONS

STABILITY:

WASTE FROM RESIDUES:

Wash with excess in drain

Disposal:

CONTAMINATED PACKAGING:

Decontamination/cleaning:

Disposal:

14. TRANSPORT INFORMATION

LAND:

Product not classified for any mode of transport

RAIL/ROAD (RID/ADR):

SEA (IMO/MDG):

AIR (ICAO-IATA):

15. REGULATORY INFORMATION

EEC REGULATIONS:

Not available

HAZARD SYMBOL:

R PHRASES:

S PHRASES:



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16. OTHER INFORMATION

USES:

General Solvent Detergent

OTHERS:

The attention of the user is drawn to the possible risk incurred by using the product for any purpose other than that for which it was intended.

The classification was effectuated according to information derived from technical literature and supplier companies.

Information included in this document is based on our present state of knowledge, however, they do not assure the product properties and do not assume any legal condition.

The material safety data sheet completes the product information without replaing it.