

**OPEX ROSA****SECTION 1 Identification of substance/mixture and of the company/undertaking**

Identification of the Product : Opex Rosa
Type of product : Liquid Fertilizer
Use : Agriculture
Company identification : Opex Holding (Pvt) Ltd.
No. 74, Union Place, Colombo 02. Sri Lanka
Tel : +94 11 5545505 Fax : +94 11 2303842
Web: opexholding.com

SECTION 2 Hazards identification

Symptoms relating to use

- inhalation : This product is not hazardous
Dust form this product may cause respiratory irritation
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use
- Eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use
- Ingestion : Ingestion unlikely. No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion

SECTION 3 Composition/Information on ingredients

N
K₂O
P₂O₅
MgO
B
Zn

SECTION 4 First aid measures

First aid measures

- Inhalation : Assure fresh air breathing
- Skin contact : Wash skin with mild soap and water
- Eye contact : Rinse immediately with plenty of water
- Ingestion : Seek medical advice (show the label where possible)
Do not induce vomiting.
Rinse mouth.

**OPEX ROSA****SECTION 5 Firefighting measures**

- Flammable class : This product is not flammable. May accelerate the burning of other combustible materials
- Extinguishing media
- Suitable extinguishing media : Large quantity of water
 - Unsuitable extinguishing media : CO2 Foam
Sand
- Surrounding fires : Use water spray or fog for cooling exposed containers
- Protection against fire : Do not enter fire area without proper protecting equipment, including respiratory protection
- Special procedures : Exercise caution when fighting any chemical fire

SECTION 6 Accidental release measures

- Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection
- Environmental precautions : Prevent entry to sewers and public waters
Notify authorities if product enters sewers or public waters
- Clean up methods : Collect spills and put it into appropriated container

SECTION 7 Handling and storage

- General : Handle in accordance with good industrial hygiene and safety procedures
Minimize generation of dust
- Personal protection : Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing
- Technical protective measures : Both local exhaust and general room ventilation are usually required
- Storage : Keep only in the original container in a cool well ventilated place.
Store away from heat/moisture
Prevent contamination by irrelevant materials
Avoid
Reducing agents, alkalis, finely divided metals
Strong acids
Oxidizing agent
- Handling : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work

SECTION 8 Exposure controls/personal protection

- Personal protection
- Respiratory protection : Where excessive dust may result, wear approved mask
No special respiratory protection equipment is recommended under normal conditions of with adequate ventilation
 - Hand protection : Gloves
 - Skin protection : No special clothing/skin protection equipment is recommended under normal conditions of use

**OPEX ROSA**

- Eye protection : Even though no specific eye irritation data is available, wear eye protection appropriate to conditions of use when handling this material
- Ingestion : When using do not eat drink or smoke
- Industrial : Provide local exhaust or general room ventilation

SECTION 9 Physical and chemical properties

- Physical state at 20 °c : Liquid
- Odour : Light
- pH value : 3-4
- Density : 1.00-1.30

SECTION 10 Stability and reactivity

- Stability and reactivity : Stable under normal conditions
- Hazardous decomposition products : Thermal decomposition generates : Ammonia, Nitrogen Oxides, Chlorine, (>130°C) Sulphur dioxide
- Hazardous reaction : None under normal conditions
- Materials to avoid : Strong acids, Oxidizing agent, Reducing agents, alkalis, finely divided metals, organic materials
- Conditions to avoid : Heat
Open flame
Prevent contamination by irrelevant materials

SECTION 11 Toxicological Information

- Rat Oral LD50 [mg/kg] : No data available

SECTION 12 Ecological Information

- LC50-96 Hour - Fish [mg/l] : No data available

SECTION 13 Disposal considerations

- General : Dispose in a safe manner in accordance with local/national regulations

SECTION 14 Transport Information

- General Information : Not regulated
- Land transport : Not regulated
- See transport : Not regulated
- Air transport : Not regulated

**OPEX ROSA****SECTION 15 Regulatory Information**

EC Labeling
Symbol(s) : None
R Phrase(s) : None
S (Phrase(s)) : None

SECTION 16 Other Information

Further information : None

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