



**ETHEKWINI MUNICIPALITY
COMMUNITY AND EMERGENCY SERVICES CLUSTER
HEALTH UNIT**

**APPLICATION FOR ISSUING OF A SCHEDULED ACTIVITIES PERMIT
IN TERMS OF THE ETHEKWINI MUNICIPALITY: SCHEDULED ACTIVITIES BYAW,
2020**

I CLINT DU TOIT hereby make application in terms of **Section 5(1)** of the **Scheduled Activities Bylaw of the eThekweni municipality 2020**, for permission to undertake a listed activity and hereby submit the following information in support thereof:

- 1. Section 1 Facility information**
- 2. Section 2 Process, plant and/or production**
 - 2.1 Process description
 - 2.2 Hours of operation
 - 2.3 Graphical process information
- 3. Section 3 Raw materials**
 - 3.1 Raw materials used
 - 3.2 Production rates
 - 3.3 By-Product Produced
- 4. Section 4 Environmental Management**
 - 4.1 Dust Management
 - 4.2 Noise Management
 - 4.3 Waste Management
- 5. Section 5 Occupational Health and Safety**
- 6. Section 6 Major Hazard Installation**
- 7. Section 7 Emergency Response and Contingency Measures**
- 8. Section 8 Effluent Discharge**
- 9. Section 9 Transportation**
- 10. Attachments**

SECTION 1 PERMIT HOLDER DETAILS

1 FACILITY INFORMATION

Facility Name	
Company Trading Name	Entek Industrial Chemicals cc
Type of Facility , e.g. Company/Close Corporation/Trust, etc.	Close Corporation
Company/Close Corporation/Trust Registration Number (Registration Numbers if Joint Venture)	2009/016288/23
Physical Address / Description of Site (Where No Street Address)	119 Brackenhill Road Waterfall
Coordinates of Approximate Centre of Operations	29°44'19.37"S 30°48'09.76"E
Postal Address	P O Box 19 Kloof
Telephone Number (General)	031 7663325
Company Email Address	clint@entekchemicals.com
Industry Type/Nature of Trade	Chemical Manufacturing
Land Use Zoning as per Town Planning Scheme	<i>Attach a copy of the land use zoning certificate (Annexure 1)</i>
Land Use Rights if outside Town Planning Scheme	
Name of the Land owner or Landlord	Clinsley Properties

Responsible Person Name	Lesley du Toit
Telephone Number	031-7663325
Cell Phone Number	0837775561
E-mail Address	lesley@entekchemicals.com
Name of SHEQ Official if available	Ryan du Toit
Telephone Number	031-7663325
Cell Phone Number	0718575664
E-mail Address	ryan@entekchemicals.com
After Hours Contact Details	066 268 3483

Location and extent of plant: Attach a map or a block plan detailing the location of your premises in relation to the external environment. (*Annexure 2*)

2 SECTION 2 PROCESS, PLANT AND/OR PRODUCTION

2.1 Process description

Please provide a detailed description of the entire production process including the purpose or function of each unit process

Raw materials are purchased or drawn from stock on hand. Prescribed quantities are added to water in a mixing tank as per the instructions on the batch production sheet which is issued to the operator. When all required chemicals have been added, a sample is tested by our laboratory staff. If it meets the required parameters, the product is decanted into containers for storage or delivery to the client.

Processes Conducted

List all unit processes conducted

Unit Process	Unit Process Function	Batch or Continuous Process	Emissions released
Blending	To produce specific chemical	Batch	Nil

Type of Waste transported (Pls tick where applicable) only for Waste transportation application						
Health Care Risk Waste (HCRW)	Domestic	Hazardous	Commercial	Garden	Recyclables	Other (specify)

2.2 Hours of operation

Provide the hours of operation

Unit Process	Operating Hours	Number of Days Operated per Year
Blending	8.00 am – 4.00 pm	Approx 238 days

2.3 Graphical process information

2.3.1 Attach the following for the entire operation being undertaken at the site:

- Simplified block diagram with the name of each unit process in a block; showing links between all unit processes or blocks. (*Annexure 3*)
- Site layout diagram (plan view and to scale) indicating location of unit processes, plants, buildings, stacks, stockpiles and roads (include true north arrow and scale). (*Annexure 4*)
- Attach a color coded site drainage plan detailing the layout of the premises with the drainage facilities (trade effluent, domestic sewer and storm water, onsite pretreatment facilities, demarcated safety zones and storage areas. (*Annexure 5*)

3 SECTION 3 RAW MATERIALS

3.1 Raw materials used

Raw Material Type	Design Consumption Rate (Quantity)	Actual Consumption Rate (Quantity)	Units (Quantity/Period)
Chemicals	As per batch produced	Exact to manufactured requirements	kg

3.2 Production rates

Production Name	Design Production Capacity (Quantity)	Actual Production Capacity (Quantity)	Units (Quantity/Period)
Chemicals	50 tons / day	Variable as per requirement	kg

3.3 By-Product Produced

By-Product Name	Maximum Capacity (Quantity)	Production Permitted	Design Production Capacity (Quantity)	Actual Production Capacity (Quantity)	Units (Quantity/Period)
Not Applicable					

4. SECTION 4 ENVIRONMENTAL MANAGEMENT

4.1 Dust Management (Dust Regulations and Section 22 of AQ Bylaw)

4.1.1 Identify all sources of dust and list mitigation measures (Attach copies of recent dust monitoring reports)

No dust is produced as part of our production process

4.2 Noise Management (Noise Regulations and SANS10103)

Identify all potential noise sources and for each noise source identified describe:

4.2.1 The anticipated impact on surrounding communities

Our processes do not produce noise

4.2.2 The details of the noise control measures implemented/ to be implemented

Not applicable

Attach copy of latest noise measurement report completed.

4.3 Waste Management

4.3.1 Identify all waste streams associated with the operation, Give details below:

Type of Waste	Composition / constituents of waste	Volume Generated	Storage	Disposal Method	Frequency of disposal	Waste service Provider	Final Disposal point
Water	Chemicals	Variable	N/A	Effluent Plant	Continuous	N/A	Soak Pit

4.3.2 Describe system of record keeping for tracking each waste. Are Waste disposal certificates kept to account for all wastes removed by a service provider?

N/A

4.3.3 Provide detail of any toxicity testing completed.

N/A - MSDS available

4.3.4 Details of waste management systems

Effluent Plant deals with wash water from rinsing the mixing tank after each batch

4.3.5 Provide waste minimisation activities

N/A

4.4 Surface and Ground Water Quality monitoring (DWS requirements to be considered)

4.4.1 Describe measures in place for the protection of surface and ground water sources

Manufacturing area completely banded. Automated effluent treatment plant to deal with wastewater.

Attach copies water sampling reports that may have been completed

5. SECTION 5 OCCUPATIONAL HEALTH & SAFETY

5.1 Have all the potential occupational hazards/risks relating to the internal operations been identified. (Y/N) -comments

Yes. Personal PPE is issued to all staff working in the production plant. Staff are instructed on the use of PPE.

We are ISO 9001 / 2015 compliant – see attached (Annexure 6)

5.2 Provide a list of all such stressor / hazards identified i.e physical, chemical, biological, ergonomical, other

See attached Risk File. (Annexure 7)

5.3 Do you believe that any of the above risks / hazards will be at a level which may pose a health risk to the employees

All risks/ hazards are at - minimum levels, and do not pose health risks to employees.

5.4 List all methods which will be used to control Health Risks

Use of PPE.

5.5 Provide details of envisaged Health and Safety training for employees.

All staff have been through an Induction Training, part of which covers the correct use of PPE

5.6 Have staff undergone pre-employment medicals (if so, provide details) (Y/N)

No, but Staff are sent for medicals for being able to perform certain tasks.

Attach latest Occupational Health list programme and compliance report.
Occupational health risk assessment, occupational exposure monitoring reports and occupational health/ medical report to be reviewed

Awaiting certificate from Mr Ntuthuko Mkwhanazi, department of Employment and Labour. Inspection done on 02 August 2024

6. SECTION 6 MAJOR HAZARD INSTALLATION

Provide the list of operation (s) that constitute a Major Hazard Installation including mitigation measures that are in place.

Adding concentrate acid to water. PPE must be worn. Should the mix become too hot it must be allowed to cool before continuing the procedure.

7. SECTION 7 EMERGENCY RESPONSE AND CONTIGENCY MEASURES

The Emergency Response plan takes cognisance of foreseen environmental emergency scenarios, the method of managing such emergencies, the responsible person / team and resources required.

See Hazardous Waste Emergency Plan (Annexure 8)

Attach copy of Emergency and response plan if available

8. SECTION 8 EFFLUENT DISCHARGE

Describe the composition and volume of any effluent discharged or to be discharged to sewer. (Application for an Effluent discharge permit with EWS is require

N/A

ETP / Odour Management (If applicable)

9. SECTION 9 TRANSPORTATION

List details of all vehicles used in the transportation of waste:
Washing / base premises / Application for the transportation of waste

N/A

I declare that the information provided above is in all respect factually true and correct.

Signature of Applicant: 

Date: 14/03/25

NOTE: This application must be completed in full and signed by the Applicant