Mining possibilities, adding values
Vision
To be the leader in value creation through innovation, professional service, high quality manufacturing, short lead times and competitive pricing.

Mission
To be a responsible mining corporation that discovers and processes minerals and resources for the use of our customers. The Company recognizes that value can be created by attempting to maximize joint outcomes and providing benefits to customers. We will achieve this through a highly skilled and empowered workforce that is committed to excellence in all aspects of our business.

Values
We believe that forward thinking can change the course of the future. For us innovation is not just a brand promise, it's a way of life. Every product that comes from our company is an outcome of in-depth knowledge, cutting edge innovation and years of experience. We always search for change, respond to it and exploit it as an opportunity to grow further.
About Ashwa Minerals

Ashwa Mineral is one of the leading manufacturers of attapulgite based products in India. We have pioneered ourselves in providing better value in various segments of colloidal and non-colloidal applications. Ashwa has 2 state-of-the-art plants in Gujarat and Andhra Pradesh with superior R&D facilities. We have acquired raw materials sources and can guarantee standard and consistent products.

Team

Our team comprise of proficient individuals from various disciplines like chemistry, mineral processing, geology and engineering. They emphasize on adding value to every aspect of organization by applying a multi-disciplinary approach as contrast to using only theoretical conceptualizing.

Our Team has got a wide experience and expertise in clay sector to provide you with the best service. Team has developed products specially keeping the customized requirements of our customers.
Sorptive Solutions

ASHWA - ELITE

Premium Quality Floor Absorbents

ASHWA – ELITE is a thermally activated granular Attapulgite mineral that are suitable for a wide range sorbent applications. The product has a high level of sorptivity and an intermediate level of particle strength.

Features & Benefits

- VERSATILE - use for all non-aggressive fluids
- SUPERIOR RETENTION – hold liquids in
- STRONG – won’t breakdown and turn to mud
- SMALLER GRANULES – more surface area equals quicker absorption
- LOW DENSITY – more scoops per pound saves money

How to Use

A spill control plan should be developed with absorbent products readily available to control daily leaks and spills in and around your plant, work area, home or to use in case of emergency. Use on hard or porous surfaces wherever oils, fuels, chemicals & liquids are stored, handled and spilt.

Industries

- Oil industries
- Automobile industries
- Ports & Dockyard
- Airports
- Service stations
- Maintenance workshops
- Parking areas
- Re-fueling areas
- Paint & panel shops
- Automotive workshops
Bleaching Solutions

**ASHWA - ORC**

Premium Quality Edible Oil Refining Clay

ASHWA – ORC is specially modified attapulgite suitable for edible oil refining process. ASHWA – ORC has three premium grades of oil refining clay which gives excellent results in several types of edible oils. Our product offers to produce clean and quality oils.

**Features & Benefits**

- High Bleaching efficiency
- Low oil retention
- Lower dosage
- Free of dioxin
- High filtration rate
- Free of toxins and heavy metals
- Simplicity in usage
- Low P content

**Certifications**

- SGS
- DIOXIN
- KOSHER
- HALAL

**Brands**

- ORC-CLASSIC
- ORC-ULTRA
- ORC-PALMAX

**Refining**

- Palm Oil
- Soyabean Oil
- Sunflower Oil
- Mustard Oil
- Cotton Seed oil
- Castor Oil
- Corn Oil
Feed Solutions

ASHWA - PROFED

Premium Quality Feed Additives

ASHWA – PROFED is a mechanically and thermally milled attapulgite which is been used as binder and free flowing agent in feed (Poultry/ Dairy/ Others) Our grade absorbs the different types of harmful bacteria, fungi and viruses and cleans the digestive system of the animals leading to improvement in health condition and performance.

Benefits

- Potential used as natural dietary fibers for animals.
- Absorbs harmful substance such as mycotoxins, digestive bacteria, viruses and improve the health of livestock.
- Protects the intestinal flora and stabilize the health of the animal.
- This product is considered as economically beneficial for the farm.
- Quality assurance program includes WSIM (Water solubility).

Species

- Poultry
- Cattle
- Swine
- Ruminant
Surfactant Solutions

ASHWA - JET

Premium Quality
Jet Fuel Refining Clay

ASHWA – JET is an excellent adsorptive product manufactured from high purity attapulgite based mineral with improved resistance to moisture and high adsorptive capacity.

This grade is high-performance adsorbent media that removes polar compounds in jet fuel to assure it meets product specifications such as thermal stability, microseparometer, and water reaction. The highly active surface of ASHWA – JET attracts and adsorbs surfactants that naturally occur in the crude oil.

Feature & Benefits

- Eliminates downtime and reduces cost
- High adsorptive capacity
- Quality assurance program includes WSIM (water solubility index modified) and JFTOT test (jet fuel thermal oxidation test)
- Low bulk density fills tower with less weight saving money
- Excellent particle strength resists attrition, lowers dust and prevents plugging
Agro Solutions

ASHWA - BIOGREEN

Premium Quality Agricultural Carriers

Biogreen granules are soil activator and also used for the carrier application of liquid pesticides. This grade plays very important role in the pesticides formulations. It acts as carrier for various liquid pesticides and one of the easiest and safest ways of pesticides formulations. This releases active ingredients slowly over a longer period of time and effectively controls harmful insects or weeds at the stage of growth of the crop.

Soil Solutions

ASHWA - SIL

Premium Quality Soil Solutions

Ashwa - Sil is granular attapulgite clay widely used as soil improver. This is a thermally, mechanically processed clay no additives. ASHWA SIL helps to improving the quality of the soil and also enhances the agriculture productivity.

Features & Benefits

- With large surface area and free flowing properties of this product enables to deliver the optimum performance of agrochemicals
- Light weight, porous, granular clay with low dust content
- Hygienic and does not contaminate the material formulated on it
- SMALLER GRANULES – more surface area equals quicker absorption
- Hardness and high absorbent capacity

Features & Benefits

- Light weight, porous, granular clay
- Improves water retention or wettability in the soil
- Increase nutrition holding ability
- Leading to prevention of wash-out fertilizer
- Absorbs heavy metals from soil surface and improves the conditions
- Absorbs and slowly release the NPK compounds
Clear Solutions

**ASHWA - PRIME**

Premium Quality
Non Edible Oil Refining Clay

Ashwa – Prime is activated Bleaching clay for recycling petroleum based oil. This grade is widely used in different types of waste and non – edible oil refining process. Our product is dioxin & heavy metals free. Has a special specific adsorption property, this can remove all kinds of grease and impurities deep coloring from oil.

**Feature & Benefits**
- High Bleaching performance
- Low oil retention
- Free of toxins and heavy metals
- Diminish carbon content

**Refining**
- Waste Oil
- Base Oil
- Paraffin wax
- Petroleum jelly
- Grease
- Transformer Oil
- Mineral Oil
- Motor Oil
Other Applications

Cosmetic Applications
Highly refined, pulverized attapulgite based product used in the cosmetic industry. This grade is fine particle cream colored non swelling powder, free from gritty particles. This product widely used as binder to aid in tableting formulations, lotion and creams, liquid soaps and dry cosmetics applications.

Applications
- Liquid Cosmetics Industry
- Dry cosmetics application
- Body lotion and Creams

Pharmaceutical Applications
Highly refined, pulverized attapulgite is used in the pharmaceutical Industry. This graded used in medicine as antidiarrheal, and as additives in some pharmaceutical formulations. It physically binds to acids and toxic substances in the stomach and digestive tract.

Thixotropic Thickeners and Rheology Modifiers
Effective suspending agents for particulate matter in ionic, non-ionic and organic liquids. They are ideal for suspending pigment slurries, refractory coatings, ceramic slurries, liquid soaps and other applications where limited mixing capabilities exist. These grades are highly effective as gellants and thixotropic in aqueous and organic systems.

We can customize Attapulgite, based on customer requirements and specifications.
R&D Centre

The R&D Centre at Ashwa Minerals Private Limited is established to complement and support the requirement for business operations, product and process development along with its enhancement. The major programs that to enable the company add value and provide superior quality products. The R&D Centre also aims to develop methods of mineral analysis and technical support for the manufacturing the products.

Major Equipments

- X-ray Fluorescence (XRF) Spectrometer
- X-ray Diffraction Machine
- Gas Chromatography Machine
- Zeta Seizer
- DTA/TGA Instruments
- Inductively Coupled Plasma Spectrometry
- Scanning Electron Microscope
- Brunauer–Emmett–Teller (BET)
- UV-Visible Spectrophotometer
- Malvern Particle Size analyzer
- Sedigrph -Particle Size Analyzer
- Lovibond Tintometer
- Colorflex
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