

## Chemistry Chart

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### Engg. Chemistry Charts

**Additives For Lubricants**  
OCH-957

**Boiler Problems**  
OCH-953

**Chemical Properties Of Lubricants**  
OCH-959

**Corrosion**  
OCH-929

### Engg. Chemistry Charts

**Corrosion Control**  
OCH-956

**Desalination Of Water**  
OCH-955

**Determination Of Alkalinity Of Water**  
OCH-962

**Determination Of Flash Point By Pensky Martin's Apparatus**  
OCH-965

### Engg. Chemistry Charts

**Determination Of Hardness By EDTA Method**  
OCH-963

**Determination Of Viscosity By Redwood Viscometer**  
OCH-964

**Phase Diagram Of One Component Systems**  
OCH-951

**Phase Diagram Of Two Component Systems**  
OCH-952

## Chemistry Chart

Engg. Chemistry Charts

**PHYSICAL PROPERTIES OF LUBRICANTS**

- 1. VISCOSITY**  
The property of the lubricant by virtue of which it offers resistance to the relative motion of the surfaces in contact under the influence of load.
- 2. CLOUD POINT AND POUR POINT**  
The temperature at which the lubricant becomes cloudy is called cloud point. The temperature at which it ceases to flow is called pour point.
- 3. ANILINE POINT**  
The temperature at which the mixture of equal volumes of oil and aniline ceases to flow is called aniline point.

**Physical Properties Of Lubricants**  
OCH-958

**POLYMER COMPOSITES**

CONSTITUENTS OF POLYMER COMPOSITES

IMPORTANT TYPES OF FIBER REINFORCED POLYMER COMPOSITES

ADVANTAGES OF COMPOSITOR

APPLICATIONS

**Polymer Composites**  
OCH-960

**PREPARATION OF PHENOL FORMALDEHYDE RESIN**

REACTION OF PHENOL WITH FORMALDEHYDE

USES

**Preparation Of Phenol Formaldehyde Resin**  
OCH-967

**PREPARATION OF UREA FORMALDEHYDE RESIN**

REACTION OF UREA WITH FORMALDEHYDE

USES

**Preparation Of Urea Formaldehyde Resin**  
OCH-966

Engg. Chemistry Charts

**SOFTENING OF WATER**

REMOVAL OF TEMPORARY HARDNESS

REMOVAL OF PERMANENT HARDNESS

CLARIFICATION PROCESS

**Softening Of Water**  
OCH-954

**TITRIMETRIC METHODS OF ANALYSIS**

INDICATORS

STANDARDIZATION

ANALYSIS

**Titrimetric Methods Of Analysis**  
OCH-961

**TREATMENT OF WATER FOR DOMESTIC USE**

SEDIMENTATION

COAGULATION

FILTRATION

STERILIZATION

**Treatment Of Water For Domestic Use**  
OCH-970

**TYPES OF ELECTRO CHEMICAL CORROSION**

GAULING CORROSION OR BI-METALLIC CORROSION

CONCENTRATION CELL CORROSION OR DIFFERENTIAL AERATION CORROSION

PITTING CORROSION

WATER LINE CORROSION

**Types Of Electrochemical Corrosion**  
OCH-972

Engg. Chemistry Charts

**MECHANISM OF CORROSION**

DRY OR CHEMICAL CORROSION

WET OR ELECTROCHEMICAL CORROSION

**Types Of Mechanism Of Corrosion**  
OCH-971

GENERAL

**FIRST AID IN LABORATORY**

GENERAL PRECAUTIONS

SPILLAGE

BURNS

POISONING

**First Aid In Laboratory**  
OCH-939

**LABORATORY SAFETY**

GENERAL SAFETY

SAFETY EQUIPMENT

SAFETY PROCEDURES

**Laboratory Safety Measures**  
OCH-940

**MODERN PERIODIC TABLE OF THE ELEMENTS LONG FORM**

**Periodic Tables Of The Elements**  
OCH-877

**TECHNIQUES USED IN LABORATORY**

GLASSWARE

HEATING

TITRATION

PRECIPITATION

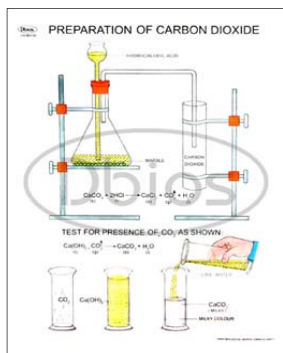
**Techniques Used In Laboratory**  
OCH-941

## Chemistry Chart

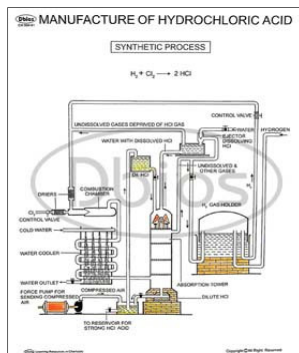
INORGANIC					
	<b>Acids, Bases &amp; Salts</b> OCH-936	<b>Chemical Analysis Of Food Articles</b> OCH-946	<b>Corrosion</b> OCH-929	<b>Determination Of Molecular Mass</b> OCH-894	
	INORGANIC				
		<b>Distillation</b> OCH-923	<b>Electrolysis</b> OCH-937	<b>Estimation Of Nitrogen</b> OCH-893	<b>Extraction Of Aluminium</b> OCH-905
INORGANIC					
		<b>Extraction Of Copper</b> OCH-906	<b>Extraction Of Iron</b> OCH-920	<b>Extraction Of Metals</b> OCH-896	<b>Manufacture Of Ammonia</b> OCH-901
	INORGANIC				
		<b>Manufacture Of Sulphuric Acid</b> OCH-902	<b>Manufacturing Of Cement</b> OCH-943	<b>Organometallic Compounds</b> OCH-945	<b>Oxidation &amp; Reduction</b> OCH-912

## Chemistry Chart

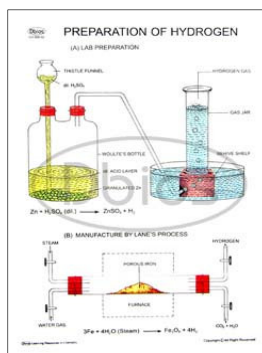
INORGANIC



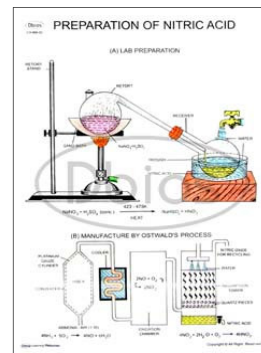
**Preparation Of Carbon  
OCH-903**



**Preparation Of Hydro Chloric  
OCH-904**

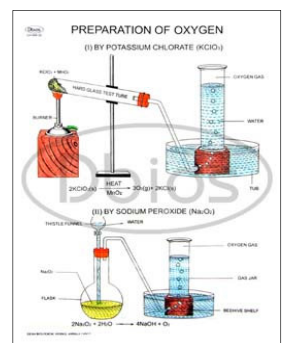


**Preparation Of Hydrogen  
OCH-899**

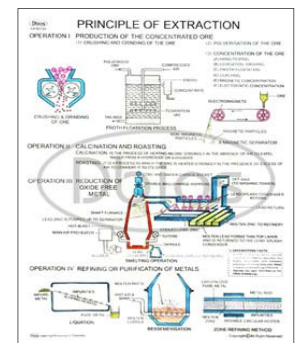


**Preparation Of Nitric Acid  
OCH-900**

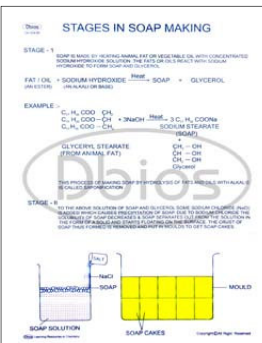
INORGANIC



**Preparation Of Oxygen  
OCH-898**

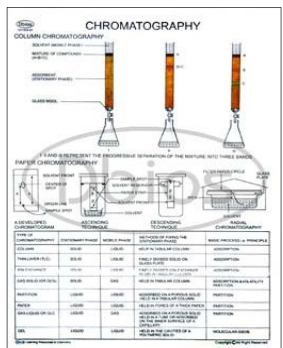


**Principle Of Extraction  
OCH-927**

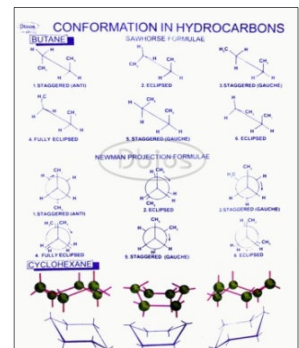


**Soap Manufacturing  
OCH-924**

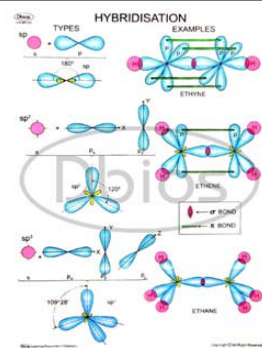
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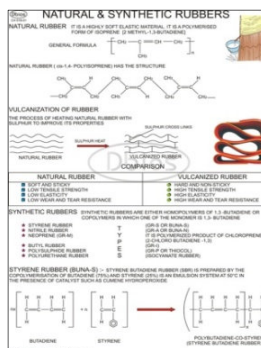
**Chromatography  
OCH-934**



**Confirmation In  
Hydrocarbons  
OCH-885**

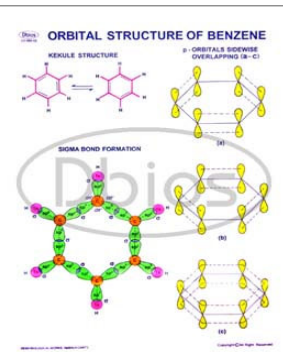


**Hybridisation  
OCH-883**

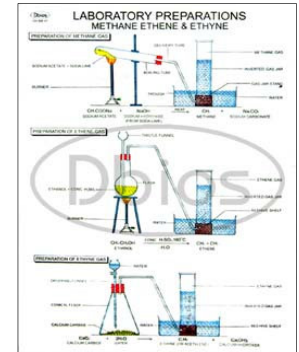


**Natural & Synthetic Rubbers  
OCH-918**

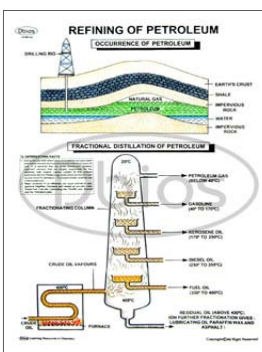
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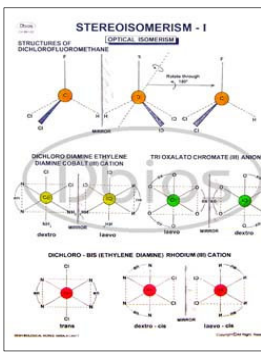
**Orbital Structure Of Benzene  
OCH-884**



**Preparation Of  $\text{CH}_4$ ,  $\text{C}_2\text{H}_4$  &  $\text{C}_2\text{H}_2$   
OCH-926**



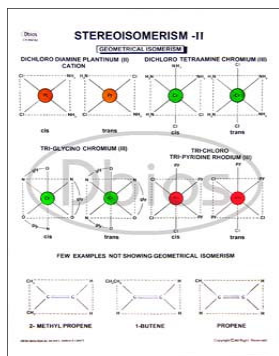
**Refining Of Petroleum  
OCH-897**



**Stereoisomerism Part - I  
OCH-891**

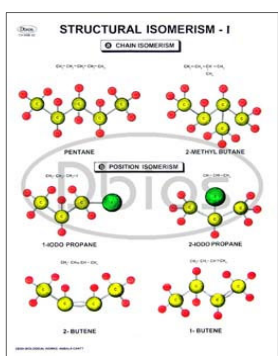
## Chemistry Chart

ORGANIC



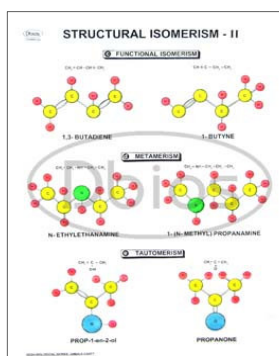
Stereoisomerism Part - II

OCH-892



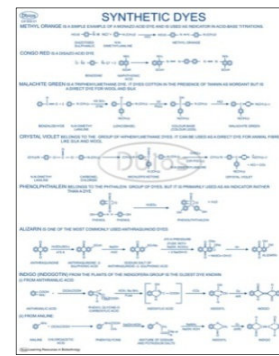
Structural Isomerism Part - I

OCH-889



Structural Isomerism Part - II

OCH-890



Synthetic Dyes

OCH-935

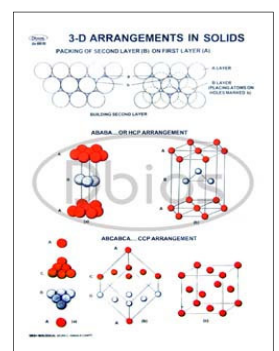
ORGANIC



Synthetic Polymers

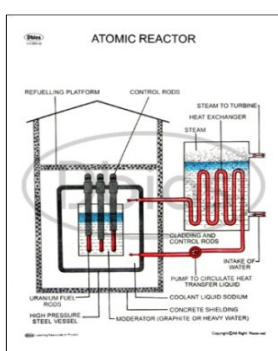
OCH-917

Physical



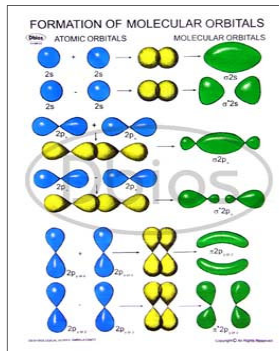
3D Arrangement In Solids

OCH-888



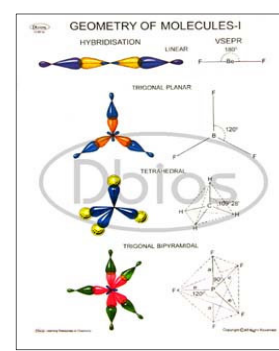
Atomic Reactor

OCH-868



Formation Of Molecular Orbitals

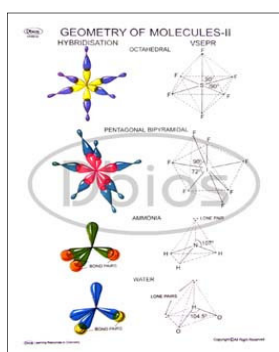
OCH-880



Geometry Of Molecules Part - I

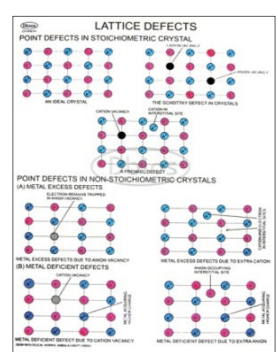
OCH-881

Physical



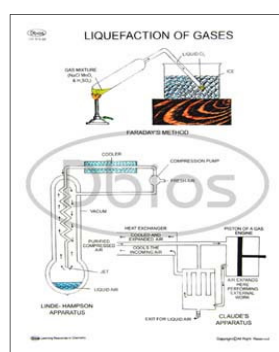
Geometry Of Molecules Part - II

OCH-882



Lattice Defects

OCH-930



Liquefaction Of Gases

OCH-915

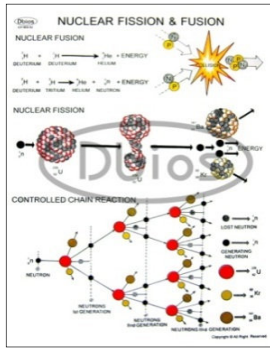


Michaelis-Menten Equation

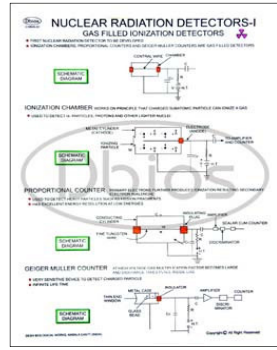
OCH-932

## Chemistry Chart

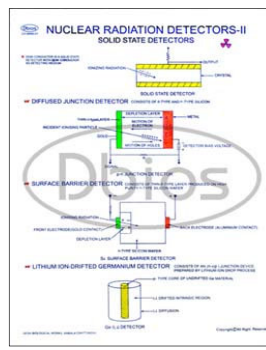
Physical



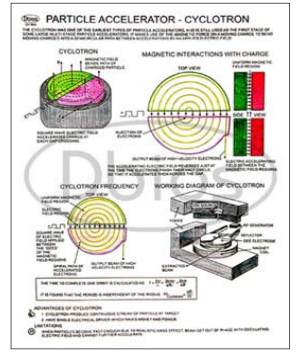
**Nuclear Fission & Fusion**  
OCH-869



**Nuclear Radiation Detectors**  
OCH-846

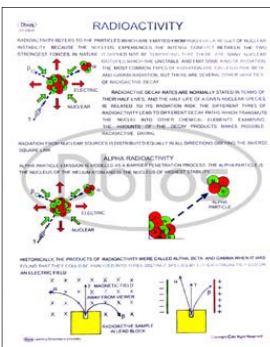


**NUCLEAR RADIATION DETECTORS-II**  
OCH-846A

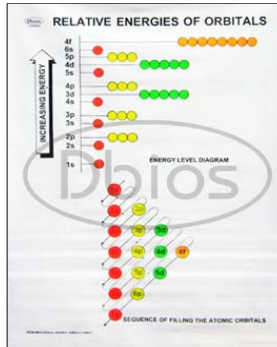


**Particle-accelerator - Cyclotron**  
OCH-530

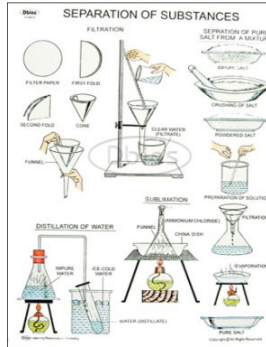
Physical



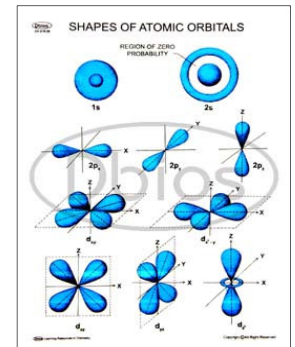
**Radioactivity**  
OCH-938



**Relative Energies Of Orbitals**  
OCH-879

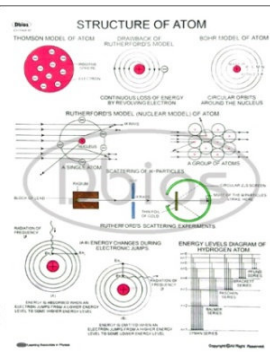


**Separation Of Substances**  
OCH-909

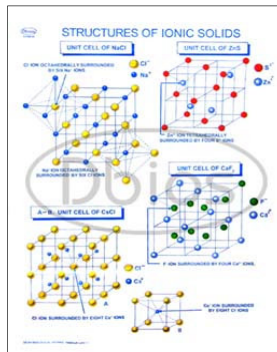


**Shapes Of Atomic Orbitals**  
OCH-878

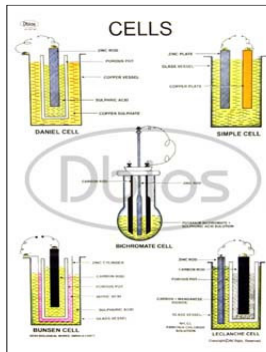
Physical



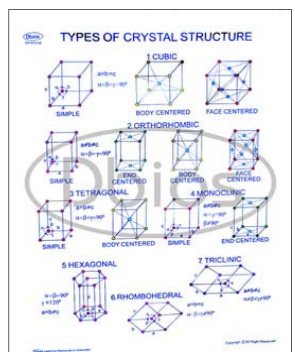
**Structure Of Atom**  
OCH-1060



**Structure Of Ionic Solids**  
OCH-886



**Type of Cells**  
OCH-907



**Types Of Crystal Structure**  
OCH-872