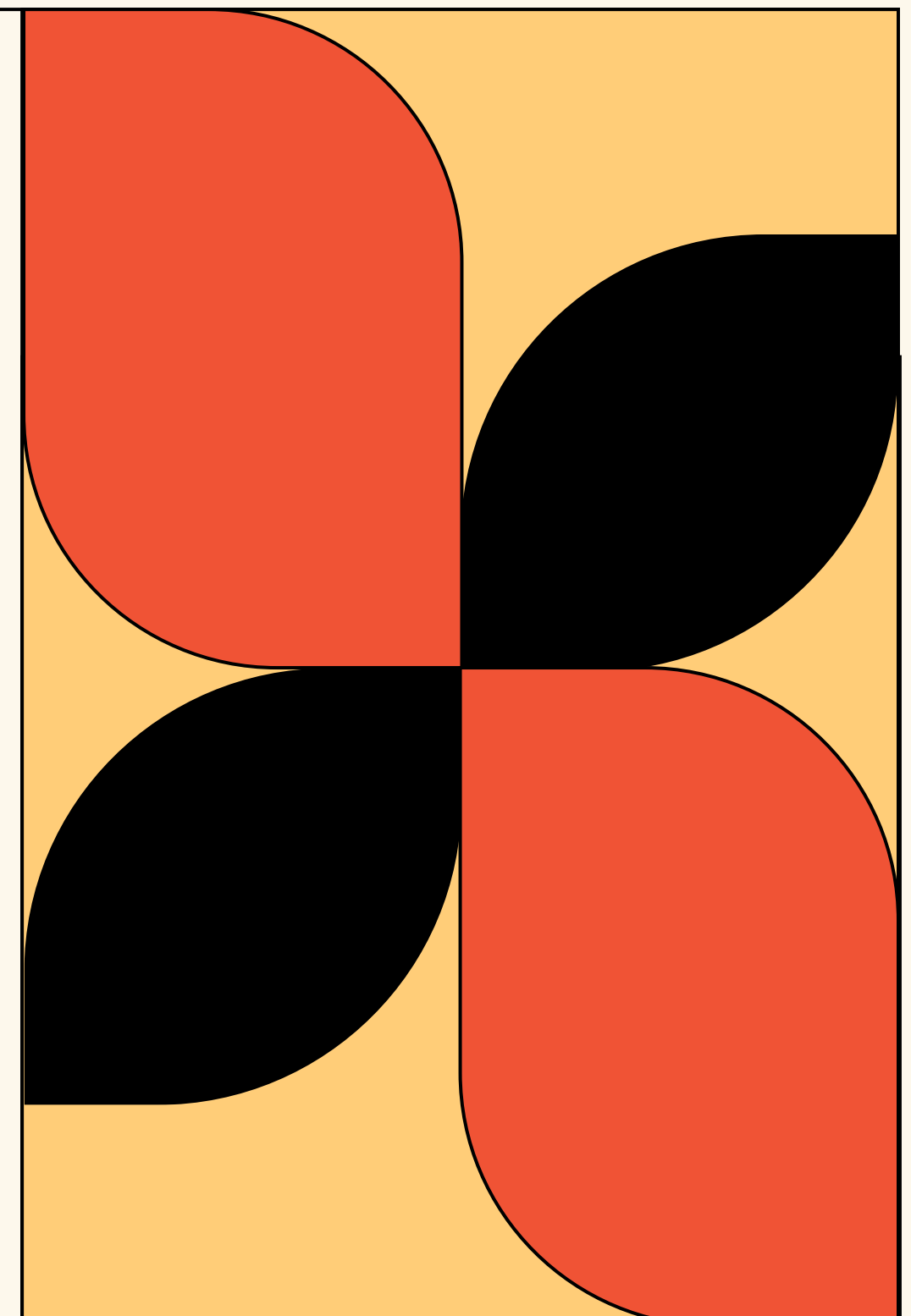




NCL

National Chemicals Limited



CEO - Sidhant Thalor

Group Strength - 19+1

The Team

CEO	Market Analysis Team	R&D Team	Technical Management Team	EHS Team
Sidhant Thalor	Tasneet Singh	Sidharth Budania	C Zoliansangi	Punam Singh
	Khushi Aggrawal	Akshat Shrivastav	Kushagra Tiwari	Vardaan Vig
	Komal Kumari	Rohan Nimesh	Prince Yadav	
	Harsh Nirmal	Roshan Patil	Mohit Rajpoot	
	Abhay Pratap Singh	Piyush Kumar	Harshit Kumar	
	Anushri Bhargava	Prakhar Nanda		

Market Analysis Team

1. Evaluated production cost and import data for raw materials required for the chemicals
2. Checked for the feasibility of production of the chemicals

Developed robust and scalable production processes for the selected chemicals and analysed their yield and purity

R&D Team

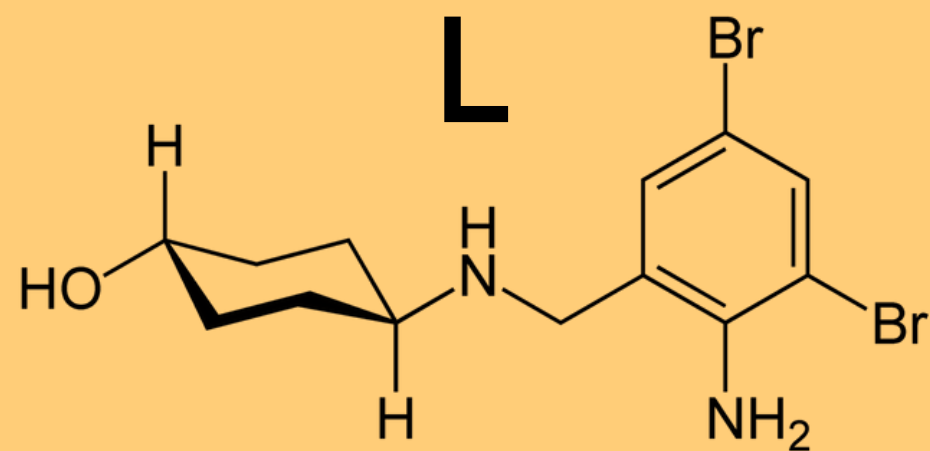
Technical Management Team

Performed upscaling of the reaction along with mass and energy balance and prepared a fully functioning reactor along with analyzing the cost of the reactor

Came up with environmental and safety clearances to perform the most environment-friendly and sustainable process and minimize the amount of harmful emissions

Environment, Health and Safety Team

AMBROXO



Chemical Formula:

C13H18Br2N2O

Chemical Name:

trans-4-(2-Amino-3,5-dibromobenzylamino)-cyclohexanol

Uses of Ambroxol:

Mucolytic agent used to clear congestion in respiratory diseases

Market Status:

India exports USD 26 Million worth of ambroxol annually. The CAGR (Compound Annual Growth Rate) for Ambroxol's market is 5.2%

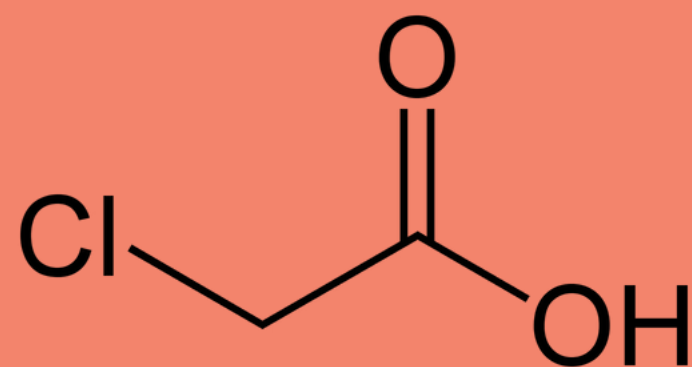
Purity: 83%

Yield: 64%

Profit we are making:

INR 4,35,000 per 1000kg of Ambroxol produced

MONOCHLORO ACETIC ACID



Chemical Formula:

C₂H₃ClO₂

Chemical Name:

MonochloroAcetic acid

Purity: 93.8%

(98% after crystallisation)

Yield: 89.5%

Uses of MonoChloroAcetic Acid:

Herbicides, Surfactants for Detergents,
Dye Fixation in Textile Industry and
Personal Care Products

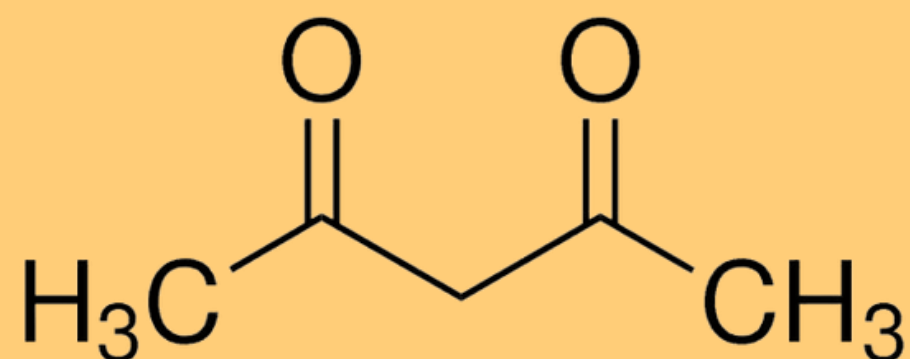
Market Status:

India imports USD 3.5million worth of
MCAA annually

Profit we are making:

INR 8000 per
1000
kilograms of
MCAA
produced

ACETYL ACETONE

**Chemical Formula:**

C₅H₈O₂

Chemical Name:

Acetylacetone

Purity: 78%

Yield: 83.6%

Uses of Acetylacetone:

Chemical intermediate in pharmaceuticals, agrochemicals, fragrances, and specialty chemicals industry.

Used in metal chelation process

Market Status:

The global acetylacetone market size was USD 43,000 Million in 2021 with a CAGR of 10.5%.

Profit we are making:

INR 10,28,650 per 1000kg of Acetylacetone produced

Before ending the presentation I would like to commend the exceptional work from all of my employees whose collective efforts made it possible for us to strategically plan and prepare these commercial chemicals for mass production

Thankyou!

