



Leading Manufacturer of
Activated Nickel Catalyst

Quality ♦ Reliability ♦ Innovation

www.raysoncatalyst.com

About us

01

Manufacturer A Variety Of High Quality Products

A Leading Industrial & Manufacturing Company

Rson Catalyst is based in India and has been a leading provider of Activated Nickel Catalyst for the manufacturing bulk drugs, drug intermediates, aromatic chemicals, where hydrogenation is the key reaction. Company is highly conscious about prevention of environmental pollution and has adopted mechanism to ensure environmental protection. The employees will be periodically educated about housekeeping and safety aspects pertaining to manufacturing, storage and handling as most of the products are pyrophoric in nature. Company markets its products at most competitive rates. Material Safety Data Sheets are provided to customers for storage and handling. The company provides after sales service and technical consultation to its customers

CATALYST BY
Rson Catalyst Pvt Ltd

Why Us

02

Reliable, Effective & Technically Advanced Products

01

Quality Analysis Laboratory

We use analytical instruments that are known worldwide for their reliability to manage data related to product quality such as surface area, specific gravity, purity.

02

Customization

We will help to realize speedy product development that will satisfy our customer's quality requirements.

Rson Catalyst uses nickel catalyst products not only to provide services to their customers but also give back to society by helping them earn money to be able to make a living

The company believes that what goes around, comes around and you get back what you give out into the world

03

**CATALYST BY
Rson Catalyst Pvt Ltd**

Our Vision

LET'S MAKE A DIFFERENCE

Reaching quality conscious customers through
technically superior world class
Activated Nickel catalyst.



**Quality
Control**



**Packaging
Control**



Policy

**CATALYST BY
Rson Catalyst Pvt Ltd**





RAYCAT – 1309

Application

01

RAYCAT – 1309 used for Sorbitol Application

Catalyst which give more no. of recycles with Min. impurity

RAYCAT – 1009

Application

RAYCAT – 1009 Used for selective hydrogenation of Nitro to amino type reaction in polar solvent

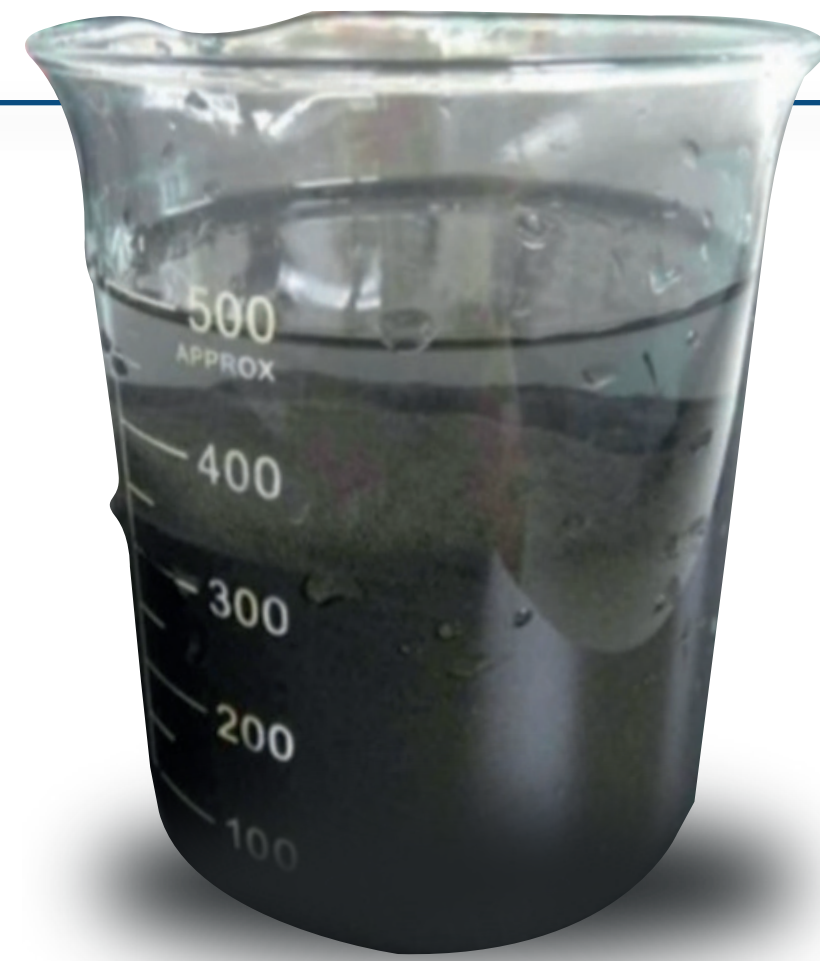
eg. Dinitro Toluene To toluene Diamines.

Also used for Dehalogenation of NO₂ to halo Aromatics to NH₂ – Halo Aromatics

Eg. ONCB to OCA, Dichloro Nitro Phenol to Dichloro Amino phenol & for Oximes to Amine

02





RAYCAT – 3012

03

Application

RAYCAT – 3012 Used for Styrene oxide

RAYCAT – 3025

Application

RAYCAT - 3025 used for Dehydrogenation Reaction eg. Carbazol

- Catalyst can sustain high temp
- Catalyst can impart activity for longer period

04



RAYCAT – 2511

05

Application

- **RAYCAT - 2511 Used for Double Saturation In Olefins**
eg. Croton Aldehydes To Butyraldehyde
- **Straight Chain Aldehydes To Alcohols**
eg. Butaraldehyde To Butanol
- **Ketone to Carbinol**
Eg. Benzophenone To Benzohydrol
- **Nitro To Amino In neat reaction**
eg. PNC to P- Cumidiene



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RAYCAT – 1207

Application

- ◆ **RAYCAT - 1207 Used for selective hydrogenation of Ring hydrogenation of Phenolic compounds**
eg. Phenol to Cyclohexanol
- ◆ **Also used for Aromatic Aldehyde to Alcohols**
eg. Benzaldehyde to Benzyle Alcohols
& for Fatty Nitrile to fatty Amine



RAYCAT – 1201

07

Application

RAYCAT - 1201- Used for selective hydrogenation of Nitro to amino type reaction Also used for Aliphatic Aldehyde to Alcohols

RAYCAT – 2805

Application

- ◆ **RAYCAT - 2805** Used for Aromatic Nitrile to Amino reactions in presence of NH_3
eg. Venlafaxine, Verapamil
- ◆ Carbonyl to Alcohol Conversions

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