



SECTION 1: Product Identification

Chemical Name:	Rhodium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst P3053
Product Number:	301
CAS Registry Number:	7440-16-6
Formula:	Rh on C
EINECS Number:	231-125-0
Chemical Family:	supported metal catalyst
Synonym:	none

SECTION 2: Composition and Information on Ingredients

Ingredient	CAS Number	Percent	ACGIH (TWA)	OSHA (PEL)
Title compound	7440-16-6	5.0	1mg/m3 (as Rh)	0.1mg/m3 (as Rh)
carbon	7440-44-0	45.0	3.5mg/m3 (as C)	3.5mg/m3 (as C)
water	7732-18-5	balance	no data	no data

SECTION 3: Hazards Identification

Emergency Overview:	Irritating to skin, eyes and respiratory tract. May be harmful if swallowed.
Primary Routes of Exposure:	Inhalation, skin, eyes
Eye Contact:	Causes slight to mild irritation of the eyes.
Skin Contact:	Causes slight to mild irritation of the skin.
Inhalation:	Irritating to the nose, mucous membranes and respiratory tract.
Ingestion:	No specific information is available on the physiological effects of ingestion. May be harmful if swallowed.
Acute Health Effects:	Irritating to skin, eyes and respiratory tract.
Chronic Health Effects:	No information on long-term chronic effects.
NTP:	No



IARC: No

OSHA: No

SECTION 4: First Aid Measures

Eye Exposure: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

Skin Exposure: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

Inhalation: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

Ingestion: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5: Fire Fighting Measures

Flash Point: none

Autoignition
Temperature: none

Explosion Limits: none

Extinguishing
Medium: carbon dioxide, dry powder or foam.

Special Fire Fighting
Procedures: Fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous
Combustion and
Decomposition
Products: If involved in a fire this material may emit toxic carbon monoxide..

Unusual Fire or
Explosion Hazards: Once dry, becomes a flammable solid. Dust may form explosive mixtures with air.

SECTION 6: Accidental Release Measures

Spill and Leak
Procedures: Keep moist. Small spills can be mixed with vermiculite, sodium carbonate or other suitable non combustible adsorbent and swept up.

SECTION 7: Handling and Storage



Handling and Storage: Keep container tightly closed. Keep moist. Becomes flammable when dry.

SECTION 8: Exposure Controls and Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: Wear protective clothing and gloves.

Ventilation: Handle the material in an efficient fume hood.

Respirator: If ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134.

Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties

Color and Form: wetted, black powder

Molecular Weight: not applicable

Melting Point: no data

Boiling Point: no data

Vapor Pressure: no data

Specific Gravity: no data

Odor: none

Solubility in Water: insoluble

SECTION 10: Stability and Reactivity

Stability: air and moisture stable

Hazardous Polymerization: no hazardous polymerization

Conditions to Avoid: If dried, contact with alcohols may cause fire.

Incompatibility: strong oxidizing agents, alcohols

Decomposition Products: none



SECTION 11: Toxicological Information

RTECS Data: No information available in the RTECS files.

Carcinogenic Effects: no data

Mutagenic Effects: no data

Tetratogenic Effects: no data

SECTION 12: Ecological Information

Ecological Information: No information available

SECTION 13: Disposal Considerations

Disposal: Dispose of according to federal, state, and local regulations.

SECTION 14: Transportation

Shipping Name (CFR): Non-hazardous

Hazard Class (CFR): NA

Additional Hazard Class (CFR): NA

Packaging Group (CFR): NA

UN ID Number (CFR): NA

Shipping Name (IATA): Non-hazardous

Hazard Class (IATA): NA

Additional Hazard Class (IATA): NA

Packaging Group (IATA): NA

UN ID Number (IATA): NA

SECTION 15: Regulatory Information



TSCA: Listed in the TSCA inventory.

SARA (Title 313): Title compound not listed.

Second Ingredient: none

Third Ingredient: none