



REVA ENTERPRISE

*Plot No.C-6, Saykha, NR.Bhersam TA. Vagra, Bharuch.
Mo:-9427110853 E-mail:revaenterprise02gm@gmail.com*

Material Safety Data Sheet REVA OR (C.I.No. OBA 184)

Section 1 – Identification of the Susa/Preparation and of the Company Undertaking

Identification of the substance or preparation:

Product Name: REVA OR
Manufacturer : REVA ENTERPISE
Address: Plot No. C-6, Saykha, NR. Bhersam TA. Vagra, Bharuch.
Phone : +91 -9427110853
Color Index : FLUORESCENT BRIGHTENER 184
Contact No. : Phone : +91 -9427110853

Section 2 – Hazards Identification

NON HAZARDOUS SUBSTANCE, NON – DANGEROUS GOODS

Classification required according to EU

R Phrase (s) : R 52 / 53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

S Phrase (s) : S 61 , Avoid release to environment.

Emergency overview

CAUTION:

May cause mechanical irritation to eyes, skin and respiratory system.

Avoid inhalation of dusts.

Use NIOSH approved respirator as needed to mitigate exposure.

Wear NIOSH-certified chemical goggles.

Take precautionary measures against static discharges.



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Section 3 – Composition / Information on Ingredients

Components CAS No 7128-64-5. Weight 60 TO 100 % Benzoxazole, 2,2'- (1, 2-Ethenediyldi-4, 1-Phenylene) Bis

This product does not contain any components classified as hazardous under the referenced regulation.

Section 4 – First AID Measures :

In case of inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

In case of skin contact: Wash with plenty of water, Remove contaminated clothing. Wash clothing before re- use.

In case of eye contact: Immediately flush eye with plenty of water for at least 15 minutes. Consult Physician if irritation persists.

In case of ingestion: Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

General advice:

Remove contaminated clothing.



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Section 5 – Fire Fighting Measures :

Suitable extinguishing media:

Suitable extinguishing media:

dry powder, foam

Unsuitable extinguishing media for safety reasons:

carbon dioxide

Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

Fire Fighting Measures: Standard procedure for chemical fires.

Fire Fighting Equipment: Wear self-contained breathing apparatus and protective suit.

Unusual hazards: Product on its own is non combustible.

Hazardous Combustion Products : Non Hazardous

Section 6 –Accidental Release Measures:

Leak / Spill : Spills should be swept or vacuumed up into containers and removed to an authorized land – fill. Avoid dust formation. Wear suitable protective equipment. The material has a very low solubility in water & is not easily flushed away.

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective clothing.

Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.



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Section 7 –Handling and Storage:

Precautions for safe handling

Breathing must be protected when large quantities are decanted without local exhaust ventilation. Closed containers should only be opened in well-ventilated areas. Avoid dust formation. Do not use any sparking tools.

Protection against fire and explosion:

Avoid dust formation. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (2013 Edition) for safe handling.

Section 8 – Exposure Controls / Personal Protection:

Respiratory protection:

Breathing protection if breathable aerosols/dust are formed. Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Engineering Controls: Work in well ventilated areas. Do not breathe dust Personal Protective Equipment.

Eye/Face Protection: Wear safety glasses or goggles to protect against dust particles.

Skin Protection: Wear chemical resistant gloves and protective clothing.

Respiratory Protection : Use NIOSH approved respirator as needed to mitigate exposure.

Other Protective Equipment : Eye wash station and safety shower should be available in immediate work area. Select additional protective equipment based upon potential for exposure.



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Section 9 – Physical and Chemical Properties:

Physical Form : Solid Powder

Color : Yellow Powder

Odor : Odorless

Melting Point : 196 - 200 °C

Particle size : D50 17 µm

Flash point: > 350 °C

Autoignition: 490 °C

Vapour pressure: < 0.00001 Pa (calculated)

(25 °C)

Relative density: 1.272 (OECD Guideline

(20 °C)

Solubility in water : < 0.01 mg/l

pH (1 % solution) : 7 – 9.0

Vapor Pressure : Due to solid substance, vapor pressure is not applicable

Section 10 – Physical Hazards / Reactivity

Hazardous Polymerization Products: Will not occur.

Stability: The product is stable if stored and handled as prescribed/indicated.

Conditions to Avoid : Avoid dust formation. Avoid deposition of dust. Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static charge.

Incompatibility: Strong oxidizing agents, strong acids and strong bases.

Hazardous Decomposition Products: No decomposition expected under normal storage conditions.



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Section 11 – Toxicological Information

Acute Oral Toxicity: To the best of our knowledge, the complete toxicological properties have not been thoroughly investigated.

Acute Inhalation Toxicity : Not determined

Eye Irritation: Non – irritation to rabbit.

Skin Irritation: Non- irritant to guinea pigs.

Skin Sensitization: (Human) – Not a skin irritant, fatiguing agent or sensitizer.

Carcinogenicity: No indication of a carcinogenic effect of Fluorescent brightener 199 was found,

Sensitization : Not available

Neurological Effects : Not available

Mutagenic Effects : Not available

Reproductive Effects : Not available

Developmental Effects : Not available

Target Organ Effects : Not available

Section 12 – Ecological Information

Ecotoxicity : Contains no substances known to be hazardous to the environment or not degradable in.

waste water treatment plants. : Not available

Persistence / Degradability : Not available

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

Elimination information

4 % CO₂ formation relative to the theoretical value (28 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) (aerobic, activated sludge, domestic, non-adapted) Poorly biodegradable.

Assessment of stability in water

According to structural properties, hydrolysis is not expected/probable.



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Information on Stability in Water (Hydrolysis)

According to structural properties, hydrolysis is not expected/probable.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface.

Section 13 – Disposal Considerations

Waste from residues / unused : Contact waste disposal services. Dispose of in accordance with local regulations.

Product: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. The unused product may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Contaminated packaging: Do not re-use empty containers

Methods for cleaning up : Small quantities may be treated in aerobic waste water treatment systems, large quantities may be incinerated or land filled after solidification in permitted system.

RCRA:

Not a hazardous waste under RCRA (40 CFR 261).

Section 14 – Transport Information

Hazard Class: Not regulated as a hazardous product.

DOT : Not regulated

TDG : Not regulated

MEX : Not regulated



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ICAO : Not regulated

IATA : Not regulated

IMDG/IMO : Not regulated

RID : Not regulated

ADR : Not regulated

AND : Not regulated

Shipping Name: FWA / OBA.

Section 15 – Regulatory Information

TSCA:

Certify that all components of this product are registered under the Regulation of the Toxic Substances Control Act.

SARA:

Reactive Hazard : No

Fire Hazard : No

Delayed / Chronic : No

Pressure Hazard : No

Immediate / Acute : No

Contain an extremely hazardous substance : No

Hazardous Substance : No

Toxic Chemicals: This product does not contain any toxic chemical listed under section 313 of the Emergency Planning and Community Right –to-know Act of 1986.

CWA :

This product contains the following priority pollutants and their concentration : contains no known priority pollutants at concentrations greater than 0.1%.

CEPA Priority Chemical : Product not yet evaluated.

DOT: Non – Regulated.

Hazardous Classification : Signal Word : Non Hazardous.



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NFPA Hazard codes:

Health : 1 Fire: 2 Reactivity: 0 Special:

HMIS III rating

Health: 1 Flammability: 2 Physical hazard:0

CA Prop. 65:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Section 16 – Other Information

Label Hazards: Caution

Label Precaution: R -52 /53, Harmful to Aquatic Organism, may cause long term effect in aquatic environment.

Disclaimer

This information is being supplied to you under OSHA “right to know” Regulation 29 CFR 1910.1200 and is offered in good faith a typical values and not as a product specification. The information is believed to be true and accurate. No warranty, expressed or implied, regarding the accuracy of this data, the hazard connected with the use thereof, is made. Reva Enterprise assumes no responsibility for damage or injury from the use of the product described herein. The Reva Enterprise urges persons receiving this information to make their own determination as to the information’s suitability and completeness for their particular application.

