

# MATERIAL SAFETY DATA SHEET

Dolomer KO

## 1. Substance/preparation and manufacturer/supplier identification

### Dolomer KO

Use: Raw material for the chemical-technical industry

Manufacturer :

PARAMOUNT MINERALS AND CHEMICALS LIMITED  
C-1001 Marathon Innova | Marathon Nextgen Complex, 10th Floor  
Veer Santaji Lane | Off G.K Marg | Lower Parel  
Mumbai-400013 | India.  
Tel : 022-40982500 Fax : 022-40982590

---

## 2. Hazard identification

Classification of the substance and mixture:

No need for classification according to GHS criteria for this product.

Label elements and precautionary statement:

The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards which do not result in classification:

No specific dangers known, if the regulations/notes for storage and handling are considered.

---

## PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor  
Veer Santaji Lane | Off G.K Marg | Lower Parel  
Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)

# MATERIAL SAFETY DATA SHEET

Dolomer KO

## 3. Composition/information on ingredients

### Chemical nature

polycarboxylate, copolymer, sodium salt, in water

---

## 4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

Note to physician:

Symptoms: No significant symptoms are expected due to the non-classification of the product. Treatment: Symptomatic treatment (decontamination, vital functions).

---

## 5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, dry powder, foam

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

---

## 6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Information regarding personal protective measures see, section 8.

Environmental precautions:

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

### PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor

Veer Santaji Lane | Off G.K Marg | Lower Parel

Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)

# MATERIAL SAFETY DATA SHEET

Dolomer KO

Methods for cleaning up or taking up:

For large amounts: Dike spillage. Pump off product. For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Additional information: High risk of slipping due to leakage/spillage of product.

---

## 7. Handling and Storage

### Handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:  
No special precautions necessary.

### Storage

Suitable materials for containers: Stainless steel 1.4401, Stainless steel 1.4301 (V2), High density polyethylene (HDPE), glass, Low density polyethylene (LDPE)  
Further information on storage conditions: Keep container tightly closed and in a cool place.

The packed product is not damaged by low temperatures or by frost.  
Protect from temperatures above: 65 °C  
Properties of the product change irreversibly on exceeding the limit temperature.

---

## 8. Exposure controls and personal protection

### Components with occupational exposure limits

No occupational exposure limits known.

### Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:

Chemical resistant protective gloves

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Manufacturer's directions for use should be observed because of great diversity of types.

## PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor  
Veer Santaji Lane | Off G.K Marg | Lower Parel  
Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)

# MATERIAL SAFETY DATA SHEET

Dolomer KO

Eye protection:

Safety glasses with side-shields.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:

Wearing of closed work clothing is recommended.

## 9. Physical and Chemical Properties

Form: aqueous solution

Colour: yellowish

Odour: product specific

Odour threshold: not determined

pH value: approx. 8 (DIN 19268)  
(10 %(m))

solidification temperature: approx. -5 °C

boiling temperature: 100 °C

Flash point: > 100 °C (DIN 51758)

Evaporation rate:  
not determined

Flammability (solid/gas): not flammable

Ignition temperature: > 200 °C (DIN 51794)

Thermal decomposition: > 150 °C

Self ignition: not self-igniting

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

Vapour pressure: approx. 23 mbar  
(20 °C)

Information on: Water

Vapour pressure: 23 hPa  
(20 °C)

Density: approx. 1.30 g/cm<sup>3</sup> (DIN 51757)  
(23 °C)

Relative density:  
No data available.

Relative vapour density (air):  
not determined

Solubility in water: soluble

## PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor  
Veer Santaji Lane | Off G.K Marg | Lower Parel  
Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)

# MATERIAL SAFETY DATA SHEET

Dolomer KO

Miscibility with water:

miscible in all proportions

Partitioning coefficient n-octanol/water (log Pow): -4.20

Viscosity, dynamic: approx. 2,000 mPa.s (23 °C) (DIN EN ISO 2555)

Flow time: 102 s (20 °C) (DIN 53211)

---

## 10. Stability and Reactivity

Conditions to avoid:

See MSDS section 7 - Handling and storage.

Thermal decomposition: > 150 °C

Substances to avoid:

strong acids, strong bases, water reactive substances

Corrosion to metals: No corrosive effect on metal.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

---

## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion.

Experimental/calculated data:

LD50 rat (oral): > 5,000 mg/kg (OECD Guideline 401)

LC50 rat (by inhalation):

not determined

LD50 rat (dermal):

not determined

### Irritation

Assessment of irritating effects:

Not irritating to eyes and skin.

Experimental/calculated data:

## PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor

Veer Santaji Lane | Off G.K Marg | Lower Parel

Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)

# MATERIAL SAFETY DATA SHEET

Dolomer KO

Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation rabbit: non-irritant (OECD Guideline 405)

## Respiratory/Skin sensitization

Experimental/calculated data:

Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)

## Germ cell mutagenicity

Experimental/calculated  
data: Ames-test negative

## Carcinogenicity

Assessment of carcinogenicity: No data available.

## Reproductive toxicity

Assessment of reproduction toxicity:  
No data available.

## Developmental toxicity

Assessment of teratogenicity:  
No data available.

## Specific target organ toxicity (single exposure):

Remarks: No data available.

## Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:  
No data available.

## Aspiration hazard

No aspiration hazard expected.

---

## 12. Ecological Information

### Ecotoxicity

Toxicity to fish:  
LC50 (96 h) > 100 mg/l, *Leuciscus idus*

Aquatic invertebrates:  
EC50 (48 h) > 500 mg/l, *Daphnia magna* (DIN 38412 Part 11)

### PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor  
Veer Santaji Lane | Off G.K Marg | Lower Parel  
Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)

# MATERIAL SAFETY DATA SHEET

## Dolomer KO

### Aquatic plants:

EC10 (96 h) > 500 mg/l, *Scenedesmus subspicatus* (DIN 38412 Part 9)

### Microorganisms/Effect on activated sludge:

EC10 > 1,000 mg/l, activated sludge, domestic, adapted (DEV-L2)

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

### Chronic toxicity to fish:

No observed effect concentration (42.0 d) 100 mg/l, *Brachydanio rerio* (OECD Guideline draft, Flow through.)

### Chronic toxicity to aquatic invertebrates:

No observed effect concentration (21 d), > 1 mg/l, *Daphnia magna* (OECD Guideline 202, part 2)

### Assessment of terrestrial toxicity:

No data available concerning terrestrial toxicity.

## Mobility

### Assessment transport between environmental compartments:

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

Adsorption to solid soil phase is possible.

## Persistence and degradability

### Elimination information:

> 70 % COD reduction (28 d) Easily eliminated from water.

## Sum parameter

Chemical oxygen demand (COD): approx. 365 mg/g

## Additional information

### Other ecotoxicological advice:

Do not release untreated into natural waters.

---

## 13. Disposal Considerations

Must be disposed of or incinerated in accordance with local regulations.

### Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

---

## 14. Transport Information

### Domestic transport:

Not classified as a dangerous good under transport regulations

## PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor

Veer Santaji Lane | Off G.K Marg | Lower Parel

Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)

# MATERIAL SAFETY DATA SHEET

Dolomer KO

**Sea transport**  
IMDG

Not classified as a dangerous good under transport regulations

**Air transport**  
IATA/ICAO

Not classified as a dangerous good under transport regulations

---

## 15. Regulatory Information

**Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

---

## 16. Other Information

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

Print Date : 31 Oct 2016

---

### PARAMOUNT MINERALS AND CHEMICALS LIMITED

(An ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Certified Company)

C-1001 Marathon Innova | Marathon Nextgen Complex, 10<sup>th</sup> Floor  
Veer Santaji Lane | Off G.K Marg | Lower Parel  
Mumbai-400013 | India.

Tel : 022-40982500 Fax : 022-40982590

Website: [www.pmclindia.com](http://www.pmclindia.com) | Email : [info@pmclindia.com](mailto:info@pmclindia.com)