Chemtech Bayern

Safety Data Sheet

[in accordance with the criteria of regulation no 1907/2006 (REACH) and 453/2010]

Section 1: Identification of the substance/mixture and of the company / undertaking

1.1 Product identifier

RED CHB 3000

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: plastic production, rubber production, dye production

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **Chemtech Bayern GmbH**

Address: Hoferstr. 24, 93057 Regensburg, Germany

Telephone/Fax number: 0941-69-53 60

E-mail address for a competent person responsible for SDS: info@chemtechbayern.eu

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Human health hazards

Not classified as dangerous for human health.

Environmental effects

Not classified as dangerous for environment.

Physicochemical adverse effects

None.

2.2 Label elements

Hazard symbols

None.

Substance name for labeling

None

Risk phrases

None.

Safety phrases

None.

2.3 Other hazards

No information whether the substances or mixture meets criteria for PBT or vPvB in accordance with Annex XIII of Regulation REACH. Suitable researches were not conducted.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Red Iron Oxide

CAS number: 1309-37-1

EINECS nr.: 215-168-2

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off all contaminated clothing. Wash the contaminated skin with soap and water. Seek medical advice if irritation occurs.

Eye contact: seek medical advice if disturbing symptoms occur. Protect non-irritated eye, remove contact lenses. Wash the contaminated eye carefully with plenty of water for about 15 minutes. Avoid powerful water stream – risk of cornea damage. Immediately contact with doctor.

Ingestion: induce vomiting immediately. Rinse mouth with water. Never give anything by mouth to an unconscious person. if it is needed, consult a doctor– show the container or label.

Inhalation: seek medical advice if disturbing symptoms occur. Remove to fresh air, keep warm and calm .

4.2 Most import ant symptoms and effects, both acute and delayed

Eye contact: redness, tearing, burning.

Ingestion: stomach pain, nausea, vomiting.

Skin contact: redness.

Inhalation: no adverse effects due to inhalation are expected.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: CO2, dry extinguishing, foam, water spray.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce hazardous fumes containing carbon monoxides and other products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire, cool endangered containers with water spray. Do not release extinguishing water into drains, ground and surface.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Wear adequate personal protective equipment. Avoid contact with skin and eyes. Ensure adequate ventilation. Wipe up spilled material immediately – risk of slipping. Ensure that only the trained personnel removes the effects of the accident.

6.2 Environmental precautions

Prevent the product from spreading into the ground water, water reservoir and watercourses. Notify relevant emergency services if necessary.

6.3 Methods and material for containment and cleaning up

All spills soak up with liquid-binding material (e.g. sand, soil, universal binding agents, silica) and collect it in labeled containers. Treat the collected material as waste. Clean the contaminated place. Ventilate the area.

6.4 Reference to other sections

Appropriate conduct with waste product – see section 13.

Personal protective equipment – see section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid skin and eyes contamination. Before break and after work wash carefully hands. Keep unused containers tightly closed. Ensure adequate ventilation of the area in which the product is used. Use personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers, in dry, cool and well ventilated places. Protect from sources of ignition and fire. Avoid direct exposure to sunlight. Keep away from food, beverages or feed for animals.

7.3 Specific end use(s)

There is no information about other use than mentioned in subsection 1.2.

Section 8: Exposure control s/personal protection

8.1 Control parameters

Occupational exposure limits have not been established for this product.

8.2. Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Before break and after work carefully wash hands. Take off immediately all contaminated clothing. Ensure adequate general and/or local local ventilation.

Hand and body protection

Use protective rubber gloves. Wear suitable protective clothing. The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

Eye/face protection

If there is a risk of eye contamination, wear safety glasses.

Respiratory protection

In case of adequate ventilation, it is not needed.

Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Do not allow the large quantity of mixture to contaminate ground water, canalization, sewage system or soil.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state: liquid / powder

color: red

odor: charackteristic

odor threshold: not determined

pH: not determined

melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapor pressure:	not determined
vapor density:	not determined
density (20˚C):	not determined

solubility(ies):	insoluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

There is no additional indication.

Section 10: Stability and reactivity

10.1 Reactivity

Product is not reactive.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid heat and fire sources, direct exposure to sunlight. Keep away from cold.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

If the product is used in accordance with identified uses, no hazardous decomposition products are expected.

Section 11: Toxicological information

11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Skin contact: redness.

Eye contact: redness.

Ingestion: stomach pain, nausea, vomiting.

Section 12: Ecological information

12.1 Toxicity

The product is not dangerous for environment.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

Product is mobile in water and soil.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

Product does not contribute to ozone depletion or global warming.WGK:0

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Do not enter into drains. Store remnants in original containers. Waste code should be given in production place.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the local legislation. Only containers completely emptied can be reused.

Legal basis: Directive 2008/98/EC, 94/62/EC.

Section 14: Transport information

14.1 UN number

Product is not classified as dangerous in transport.

14.2 Proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

14.8 IATA/ ICAO

Not Regulated.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (Text with EEA relevance).

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance). 2008/98/EC of the European Parliament and of the Council of 19. November 2088 on waste.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

15.2 Chemical safety assessment

There is no data that a Chemical Safety Assessment was carried out for the components of this product.

Section 16: Other information

Full text of indicated R and H phrases mentioned in section 3

R22 Harmful if swallowed.

H302 Harmful if swallowed.

Clarification of aberrations and acronyms

PBT Persistent, Bioaccumulative and Toxic Substances

vPvB very Persistent and very Bioaccumulative Substances

Acute Tox. 4 Acute toxicity, category 4

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

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Safety Data Sheet made by :CHEMTECH BAYERN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.