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

1.1. Product identifier

Name of product MARELEASE R 250

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

Identified uses

Sector of uses [SU]

SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

Product categories [PC]

PC26 - Paper and board dye, finishing and impregnation products: including bleaches and other processing aids

Uses advised against

Sector of uses [SU]

SU21 - Consumer uses: Private households (= general public = consumers)

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Recommended intended purpose(s)

Release agent, Yankee cylinder, Tissue manufacture.

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

MARE DYNAMICS s.r.l.
Via delle Molina 69A, IT-51012 Veneri-Pescia (PT)
Phone +39 0572427208, Fax +39 0572427208
E-Mail dynamics@mare.com

Advice

Product Safety & Regulatory Affairs
Phone +49 (0) 2421 99875 88
E-mail (competent person):
reach@mare.com

1.4. Emergency telephone number

Spain: +34 91 56 20 420
United Kingdom: +44 (0) 1865 407 333
Italy: +39 (02) 66 10 10 29

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GLP].

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Special rules for supplemental label elements for certain mixtures

Safety data sheet available on request.

Additional information

Remark

This product does not need to be labelled in line with the Regulation (EC) No.1272/2008 [GLP].

2.3. Other hazards

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Description

Mix of non hazardous Polyol Esters.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If symptoms develop or in the event of uncertainty, seek medical attention.

Remove contaminated soaked clothing immediately, don't leave to dry.

In case of inhalation

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of irritation consult a doctor.

In case of contact with skin wash off with water.

In case of eye contact

Remove contact lens

In case of contact with eyes rinse thoroughly with plenty of water (at least 15 minutes) and seek medical advice.

In case of ingestion

Do not induce vomiting.

Rinse out mouth thoroughly with water.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Do not inhale fire effluents.

Use protective equipment.

Use breathing apparatus with independent air supply.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Avoid skin and eye contact.

For emergency responders

Ensure adequate ventilation.

Remove persons to safety.

Use personal protective clothing.

Observe usual precautionary measures for handling chemicals.

6.2. Environmental precautions

Do not discharge into surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

Flush away residues with water.

Additional Information

Inform competent authorities in case of leakage to sewage system/surface water/groundwater.

6.4. Reference to other sections

Safe handling: see section 7.

Disposal: see section 13.

Personal protection equipment: see section 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special measures necessary if used correctly.

General protective measures

Adhere to general precaution rules when handling chemicals.

Hygiene measures

Please observe work hygiene regulations.

At work do not eat, drink and smoke.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in original container.

Advice on storage compatibility

Keep away from foods and beverages.

Further information on storage conditions

Protect from extreme heat and cold.

7.3. Specific end use(s)**Recommendation(s) for intended use**

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No information available.

8.2. Exposure controls

Respiratory protection

In the case of appropriate use and under normal conditions a respiratory protection is not necessary.

Hand protection

Avoid contact with the hands, otherwise take protective gloves from nitrile rubber.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.

The selection of a suitable glove depends and from manufacturer to manufacturer different not only on the material, but also on further quality criteria.

Eye protection

Safety goggles.

Other protection measures

Light protective clothing.

Appropriate engineering controls

Sufficient ventilation and exhaustion.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

liquid

Colour

clear

Odour

characteristic

Odour threshold

No data available

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not applicable				
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point	not determined				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature	not determined				
Lower explosion limit	not determined				

	Value	Temperature	at	Method	Remark
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,9 - 1				
Vapour density	not determined				
Solubility in water					insoluble
Solubility/other			fat		miscible
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	not determined				
Viscosity	not determined				
Oxidising properties No information available.					
Explosive properties No information available.					
9.2. Other information no					

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known.

10.2. Chemical stability

Stable under the stated storage temperature.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Substances to avoid

No data available.

10.6. Hazardous decomposition products

No data available.

Thermal decomposition

Remark No decomposition if used as directed.

Additional information

No risk of production of decomposition products when appropriately handled and stored

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat		
LD50 acute dermal	No data available			
LC50 acute inhalation	No data available			
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	No data available			
Sensitization respiratory system	No data available			

Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
Subacute Toxicity	No data available			
Subchronic Toxicity	No data available			
Chronic Toxicity	No data available			
Mutagenicity	No data available			
Reproduction-Toxicity	No data available			
Carcinogenicity	No data available			

Specific target organ toxicity (single exposure)

no

Specific target organ toxicity (repeated exposure)

no

Aspiration hazard

no

Toxicity test (Additional information)

no

Experiences made from practice

no

Additional information

No toxicological data available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 > 100 mg/l			
Daphnia	EC50 > 100 ml/g			
Algae	No data available			
Bacteria	No data available			

12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	No data available			
Biological degradability				Biodegradable
Degradability	No data available			

12.3. Bioaccumulative potential

Bioaccumulation is not expected.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

General regulation

Avoid leaking into groundwater, surface water or sewage system.
 Ecological data are not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Disposal in accordance with local regulations.

Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.

Disposal in accordance with local regulations.

General information

The waste code must be allocated in compliance with the EAK-regulation referring to the specific process and the sector.
 The classification of waste is always the responsibility of the end user.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

14.6. Special precautions for user

No information available.

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

not applicable

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

SECTION 15: Regulatory information

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

No information available.

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Abbreviations and acronyms see overview table at www.euphrac.eu

Sources of key data used

Data sheets of the sub-supplier.