

Odour Absorber

CHIMAU

Revision n. 01
Revision date: 19/02/2015

SAFETY DATA SHEET

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

1.1. Product identifier

Mixture identification: aqueous solution of acrylic polymers salts

Code:	[DEO212] 484000000694 - [DEO213] 484000008433 - [DEOR01] 484000008769 [DEON01] 484000008836
Product Name	Odour Absorber
Chemical name, Synonym	

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

Recommended use:
product for industrial use

Uses advised against:
unintended uses from the technical

1.3. Details of the supplier of the safety data sheet

Company:
CHIMAU SRL
Via A. Maj 10/12 + 24050 GRASSOBBIO (BG)
ITALIA
Tel. +39-035-335769
Fax +39-035-4233222

Competent person responsible for the safety data sheet:
info@chimau.it

1.4. Emergency telephone number

For urgent safety information call the Anti-Poison Center of your country. Check the emergency list on page 7.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

This product is not a hazardous article and need not be labelled according to EC Directive 67/548, 99/45 as amended.

EC regulation criteria 1272/2008 (CLP)

The mixture is not classified as dangerous according to EC Regulation 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:

None

Hazard statements:

None

Precautionary statements:

P264 Wash accurately hands and face

P270 Do not eat, drink or smoke when using this product.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

S Phrases:

S25 Avoid contact with eyes.

S37 Wear suitable gloves.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Symbols:

None

Hazard statements:

None

Special Provisions:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Identification of the substance : Not Applicable

Trade code:

Product type and use:

None.

3.2. Mixtures

aqueous solution of acrylic polymers salified, free of Reach Regulation

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact: Wash with plenty of water for 10 minutes

In case of Ingestion: Do not induce vomiting. Seek a medical advice

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases. (CO_x, NO_x)

Burning produces heavy smoke. (acrylic monomers)

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
 - Wear personal protection equipment.
 - Remove persons to safety.
 - See protective measures under point 7 and 8.
- 6.2. Environmental precautions
 - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
 - Retain contaminated washing water and dispose it.
 - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
 - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
 - Wash with plenty of water.
- 6.4. Reference to other sections
 - See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
 - Avoid contact with skin and eyes, inhalation of vapours and mists.
 - Do not eat or drink while working.
 - See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities
 - Keep away from food, drink and feed.
 - Incompatible materials:
 - None in particular.
 - Instructions as regards storage premises:
 - Adequately ventilated premises. Keep the containers well closed.
- 7.3. Specific end use(s)
 - None in particular

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
 - No occupational exposure limit available
 - DNEL Exposure Limit Values
 - N.A.
 - PNEC Exposure Limit Values
 - N.A.
- 8.2. Exposure controls
 - Eye protection:
 - Use close fitting safety goggles, don't use eye lens.(EN 166)
 - Protection for skin:
 - Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
 - Protection for hands:
 - Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.(EN 374)
 - Respiratory protection:
 - Not needed for normal use: in case of vapours/aerosol, use suitable breathing apparatus (EN 143 or EN 149).
 - Thermal Hazards:
 - None
 - Environmental exposure controls:
 - None

SECTION 9: Physical and chemical properties

- 9.1. Information on basic physical and chemical properties
 - Appearance and colour: Blue liquid very viscous
 - Odour: characteristic
 - Odour threshold: Not Applicable
 - pH: 7,5 - 8,5

Melting point / freezing point:	-1°C—0°C	
Initial boiling point and boiling range:	100°C	
Solid/gas flammability:	Not Applicable	
Upper/lower flammability or explosive limits:		Not Applicable
Vapour density:	Not Determined	
Flash point:	Not flammable	
Evaporation rate:	Not Determined	
Vapour pressure:	Not Determined	
Relative density:	approx 1,0 g/ml	
Solubility in water:	soluble	
Partition coefficient (n-octanol/water):	Not Applicable	
Auto-ignition temperature:	Not Applicable	
Decomposition temperature:	Not Determined	
Viscosity:	Not Determined	
Explosive properties:	not explosive	
Oxidizing properties:	not burning	
9.2. Other information		
Miscibility:	Hydrosoluble	
Fat Solubility:	Not Applicable	
Conductivity:	Not Determined	
Substance Groups relevant properties:		Not Applicable

SECTION 10: Stability and reactivity

- 10.1. Reactivity
 - Stable under normal conditions
- 10.2. Chemical stability
 - Stable under normal conditions
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid
 - Stable under normal conditions. Avoid temperature >100°C
- 10.5. Incompatible materials
 - None in particular.
- 10.6. Hazardous decomposition products
 - May produce acrylic monomers

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
 - Toxicological information on the main components of the mixture:
 - ACRYLIC COPOLYMERS: CAS: Not Applicable EINECS: Not Applicable
 - a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg (OECD 401)
 - Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg (OECD 404)
 - b) skin corrosion/irritation:
 - Test: Skin Irritant - Route: Skin - Species: Rabbit – may cause temporary irritation
 - c) serious eye damage/irritation:
 - Test: Eye Irritant - Species: Rabbit No
 - d) respiratory or skin sensitisation:
 - Test: Skin Sensitization - Route: Skin No
 - e) germ cell mutagenicity : no;
 - f) carcinogenicity : no;
 - g) reproductive toxicity : no;
 - Note : CHILLY EVAPORATION is not considered an hazardous material: does not contain dangerous substances for health and environment.

SECTION 12: Ecological information

- 12.1. Toxicity
 - Adopt good working practices, so that the product is not released into the environment.
 - Not data available on the product CHILLY EVAPORATION. The information is related to the products with similar composition.

- a) Fish Toxicity:
Test: CL50 - Species: Pimephales Promelas (96h) > 1000 mg/l
- b) Aquatic Toxicity:
Test: CE50 - Species: Daphnia Magna (48h) > 1000 mg/l
- 12.2. Persistence and degradability
None
Biodegradability : easy biodegradable > 70% (OECD test)
- 12.3. Bioaccumulative potential
on the basis of partition coefficient (n-octanol/water) (log Pow) it is approximately impossible the accumulation in the organism.
- 12.4. Mobility in soil
Practically unmovable : it is not forecast the absorption in the soil.
- 12.5. Results of PBT and vPvB assessment
vPvB Substances : None - PBT Substances: None
- 12.6. Other adverse effects
BIAS : 0
MBAS : 0
WGK : 1
AOX : 0
Heavy Metals : absent

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

- 14.1. UN number
ADR-UN Number: Not Applicable
Not classified as dangerous in the meaning of transport regulations.
IATA-UN Number: Not Applicable
IMDG-UN Number: Not Applicable
- 14.2. UN proper shipping name
Not Applicable.
- 14.3. Transport hazard class(es)
Not Applicable.
- 14.4. Packing group
Not Applicable.
- 14.5. Environmental hazards
ADR-Environmental Pollutant: No
IMDG-Marine pollutant: No
- 14.6. Special precautions for user
None.
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not Applicable.

The product is transported in conditions that comply with exemption criteria for ADR transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009.

Where applicable, refer to the following regulatory provisions :

- Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.
- Regulation (EC) nr 648/2004 (detergents).
- 1999/13/EC (VOC directive)

15.2. Chemical safety assessment
Not required

SECTION 16: Other information

Paragraphs modified from the previous revision:

SECTION 11: Toxicological information
SECTION 12: Ecological information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography












The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Emergency telephone numbers

For urgent safety information call the Anti-Poison Center of your country:

	COUNTRY	CUSTOMER SERVICE NR.	ANTI-POISON CENTER NR.
	AUSTRIA	(0043) 050 6700 200	(0043) 01 406 43 43
	BELGIUM	0032 (0)2 263 33 33	(0032) 070 245 245
	CZECK REP.	(00420) 840 111 313	(00420) 224 91 54 02
	DENEMARK	(0045) 44880280	(0045) 82121212
	FINLAND	(09) 61336 235	(09) 471977
	FRANCE	(0033) 0892 700 150	(0033) 01 40 05 48 48
	GERMAN	(0049) 0711 93533655	(0049) 0761 19240
	GREECE	(0030) 2109946400	(0030) 2107793777
	HOLLAND	0031 (0)76 530 6400	(0031) 030 274 8888
	HUNGARY	(0036) 06 40 109 109	(0036) 80 20 11 99
	IRELAND	(00353) 0844 815 8989	(00353) 1 8092566
	ITALY	(0039) 199 580 480	(0039) 02 66101029
	NORWAY	(0047) 22782500	(0047) 22 59 13 00
	POLAND	(0048) 801 900 666	Warszawa: (0048) 22 619 66 54 Gdańsk: (0048) 58 682 04 04 Poznań: (0048) 61 847 69 46 Kraków: (0048) 12 411 99 99
	PORTUGAL	(00351) 707 203 204	(00351) 808 250143
	ROMANIAN	(0040) 0372 117 745	
	RUSSIA	007 (495)745 57 31	
	SLOVAKIA	(00421) 0850 003 007	(00421) 2 54774166
	SPAIN	(0034) 902 203 204	(0034) 915 620 420
	SWEDEN	(0046) 0771 751570	(0046) 08 331231
	SWISS	(0041) 0848 801 005	(0041) 145
	UK	(0044) 0844 815 8989	(0044) 0845 46 47 (0044) 020 7188 0600
	UCRAIN	(00380) 0 800 501 150	